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INTRODUCTION

National Committees are invited to re-examine their nominations to Standing Committees and Task Forces in the light of the Programme of Work that has now been updated. Proposals for new work items to be added to the Programme of Work will be submitted to NCs throughout the year, for approval by correspondence as laid down in the IDF Rules of Order.

BACKGROUND INFORMATION
The issue of the IDF Programme of Work has been drawn up by the IDF Head Office on the basis of the decisions as reflected in the minutes of meetings and information available concerning the state of progress on every work item as of 1 September 2011. The IDF Programme of Work is subject to review on an on-going basis in order to check that each item is progressing as planned.

STRUCTURE OF DOCUMENT
For the convenience of the reader, this edition of the IDF Programme of Work lists all work items by Standing Committee/Task Force concerned in accordance with the existing areas of activity as defined by the IDF Science and Programme Coordination Committee (SPCC) and IDF Board of Directors.

WORK PROGRAMME
For each Standing Committee and Task Force, every work item is listed with basic information on why the work is being undertaken, who is responsible, what is expected, when, how it will be approved as well as current status and action. Whenever appropriate, Action Teams are identified and the Action Team leader and members are named. Up-to-date membership is available at any time from the IDF Intranet Address Book.

WORK ITEMS UNDER CONSIDERATION
Proposals for new work items are usually discussed by Standing Committees before being put forward to the SPCC for evaluation and subsequently to NCs for approval prior to addition to the Programme of Work. Such items are included as “Work items under consideration”.

Introduction
HORIZONTAL WORK

Science and Programme Coordination Committee

Benefits of Dairying

Purpose
To develop a series of IDF fact sheets following the concept of “benefits of dairying” in three identified areas: Economic importance of dairying, Nutritional importance of dairying & Milk production is a key driver of sustainable rural development.

The project is not interlinked with other IDF work items such as nutrition and environmental sustainability.

Responsible
IDF Head Office Communication Staff - overall coordinator of the project. The lead with regard to particular sections is with experts appointed by respective IDF Standing Committees.

- Economic importance of dairying
- Nutritional importance of dairying
- Milk production is a key driver of sustainable rural development

Result
Fact sheets to be published on the IDF homepage, possible development of IDF event(s) on particular subjects or input to the programming of future IDF World Dairy Summits

Target date
2012

Approval category
b) & c) respective IDF Standing Committees & Science and Programme Coordination Committee

Status
IDF Standing Committees in charge (SCDPE, SCNH and SCFM/SCENV) are working on draft fact sheets. The drafting process should follow the format of the adopted IDF Factsheets writing guidelines.
WORKING AREA OF ANIMAL HEALTH AND ANIMAL WELFARE

Standing Committee on Animal Health

Chair: Henk Hogeveen (NL), since 11 November 2008
Deputy Chair: Elizabeth Berry (GB), since 12 October 2010
IDF Head Office: Joerg Seifert

Objectives

The objective of the Standing Committee of Animal Health (SCAH) is to inform the dairy sector about new developments in the field of animal health and animal welfare and their implications on prevention of diseases considering aspects relating to farm economics, food safety, human health and dairy technology.

- Consideration and assessment of the effects of cattle diseases on animal welfare and vice-versa, public perception of milk production, costs of production and safety, quality and suitability of milk for human consumption;
- Maintaining relations and cooperation with intergovernmental bodies, like FAO and OIE, and non-governmental bodies, like IFAH or EAAP, on behalf of the dairy sector in the field of animal health;
- Maintaining contact with other IDF bodies as appropriate, supporting their work with regard to animal health and in particular in the context of achieving an integrated food chain management approach throughout IDF activities.

Priority items for 2012/2013 (To be reconfirmed)

- IDF monitoring and input to OIE Animal Welfare Working Group and up-coming new work on animal welfare standards in ISO
- Conference on animal health / welfare during IDF World Dairy Summit Cape Town (ZA), Nov 2012
- Guidelines for the use and interpretation of bovine somatic cell counts in the dairy industry
- Collection of data on industry milk quality and hygiene statistics

Work programme

IDF Animal Health Newsletter

<table>
<thead>
<tr>
<th>Purpose</th>
<th>To cover on-going animal health issues around the world, current IDF work, summary of finished work items, summary of PhD dissertations etc.</th>
</tr>
</thead>
<tbody>
<tr>
<td>Responsible</td>
<td>Y Persson (SE) – Project Group leader, E Berry (GB), J Seifert &amp; M Tucci (IDF)</td>
</tr>
<tr>
<td>Result</td>
<td>Regular issues of IDF Animal Health Newsletter</td>
</tr>
<tr>
<td>Target date</td>
<td>Continuous</td>
</tr>
<tr>
<td>Approval category</td>
<td>(c) - IDF Standing Committee on Animal Health</td>
</tr>
<tr>
<td>Status</td>
<td>The next 6th edition is foreseen to be published by the time of the IDF WDS Cape Town in November 2012.</td>
</tr>
</tbody>
</table>

Conference on animal health and welfare during IDF World Dairy Summit Cape Town (ZA), 8 Nov. 2012

<table>
<thead>
<tr>
<th>Purpose</th>
<th>To develop a one-day IDF/OIE conference programme under the heading “Animal Health and Welfare at the Interface” covering different topics of interest and relevance to the dairy sector</th>
</tr>
</thead>
<tbody>
<tr>
<td>Responsible</td>
<td>C McCrindle (ZA) – conference chair, F Bendali (FR), E Erlacher-Vindel (OIE), H Hogeveen (NL), A Michel (ZA), L Mirabito (FR), Y Persson (SE), J Seifert (IDF), V Turner (ZA)</td>
</tr>
<tr>
<td>Result</td>
<td>Conference programme</td>
</tr>
</tbody>
</table>
### Guidelines on use of sensors for animal health and productivity

**Purpose**
To produce guidelines on the parameters by which sensors for oestrus and intramammary inflammation (effectively mastitis) should be assessed such that comparisons can be made of commercial products available to farmers. The model of work will be to agree the descriptors for comparison, effectively a glossary and terminology first. This will include recommendations on terms such as predictive ability, true positive and sensitivity. The work will lead to developing guidance and recommendations on the comparative techniques so that the relative value of different systems can be assessed by farmers.

**Responsible**
JE Hillerton (GB) – PG leader, N Artik (TK), E Berry (GB), R Condron (AU), C Hallén Sandgren (SE), J Hamann (DE), J Hogan (US), H Hogeveen (NL), J Huet (FR), C Kamphuis (NZ), J Katholm (DK), D Kelton (CA), E Manninen (FI), D Marcel (FR), L Mirabito (FR), S Orlandini (IT), DJ Reinemann (US), W. Steeneveld (NL), A Zeconni (IT)

**Result**
Publication in the Bulletin of the IDF or as a stand-alone pamphlet

**Target date**
May 2013

**Approval category**
(c) - IDF Standing Committees on Animal Health and on Farm Management

**Status**
The joint new work item (SCAH jointly with SCFM) was adopted by IDF National Committees in March 2012. Comments of IDF National Committees submitted in response to the IDF NWI Circular Letter have been addressed at the SCAH June 2012 meeting. A draft will be circulated for AT member comment in due course.

### Action Team on Mastitis

#### Antimicrobial resistance in mastitis pathogens

**Purpose**
To monitor and report on new research results in order to identify any potential issue of concern to the dairy sector and to react in a coordinated manner as appropriate, and to ensure that the use patterns is correct and that there are not new organisms detected that may cause concerns regarding the dairy sector

**Responsible**
J Hogan (US) and A Zeconni (IT) – Project Group leaders, S Dabirian (IR), H Dornom (AU), W Schaeren (CH).

**Result**
Document on the available scientific data on antimicrobial resistance in mastitis pathogens / article(s) in the IDF Animal Health Newsletter

**Target date**
Continuous

**Approval category**
(a) - IDF National Committees

**Status**
A factsheet was finalized in 2010. SCAH has received comments on the contents in June 2012 and agreed that the IDF fact sheet on antimicrobial resistance does not need any revision at this stage. On-going monitoring and reporting to SCAH is in hand.

### Guidelines for the use and interpretation of bovine somatic cell counts in the dairy industry

**Purpose**
To give an overall view of the various ways that SCC can be represented and the interpretation of these different representations for different purposes.

**Responsible**
E Berry (GB) – PG leader, F Bendali (FR), E Berry (GB), M Bouman (UR), R Bruckmaier (CH), H Ezzatpanah (IR), J Hamann (DE), JE Hillerton (NZ), JS Hogan (US), H Hogeveen (NL), T Honkanen-Buzalski (FI), J Katholm (DK), G Keefe (CA), D Kelton (CA), K Knappstein (DE), L Kulkas (FI), O Østeras (NO), Y Persson (SE), GK Sharma (IN), V Turner (ZA)

**Result**
IDF Bulletin
Target date: 2012 (to be confirmed)
Approval category: (a) - IDF National Committees
Status: The guide is nearly finished. All individuals have been able to feed back comments and a final version should be possible. The updated document will be circulated once more, using tight deadlines for reaction, within the action team before it will be brought back to the SCAH for final confirmation.

Collection of data on industry milk quality and hygiene statistics
Purpose: To provide accurate, convincing data to be used to encourage better awareness amongst farmers of the economic implications of failure to control or address mastitis leading to improved profitability in all IDF countries.
Responsible: E Berry (GB) – PG leader, M. Beauséjour (CA), R Condron (AU), L De Meulmeester (BE), J Hamann (DE), JE Hillerton (NZ), I Haug (NO), H Hogeveen (NL), J Jonker (US), J Katholm (DK), D Kelton (CA), O Østeras (NO)
Result: Part of Animal Health Newsletter or supplement depending on responses, with the possibility of repeating survey on a biannual basis
Target date: 2012 (to be confirmed)
Approval category: (a) - IDF National Committees
Status: O Østerås (NO) will revise the draft and then consult with the AT and ensuing revision prior to consultation with the entire committee.

Action Team on Infectious Diseases

Monitoring of developments with regard to Bovine Spongiform Encephalopathy (BSE)
Purpose: To monitor new developments and regulatory matters on Transmissible Spongiform Encephalopathies (TSEs) and in particular Bovine Spongiform Encephalopathy (BSE), follow-up international events on the subjects as well as on-going research work, report to the Standing Committee on Animal Health.
Responsible: W Heeschen (DE)
Result: Continuous monitoring and reporting to the SC on Animal Health
Target date: Continuous – depending on international developments
Approval category: (c) - IDF Standing Committee on Animal Health
Status: On-going monitoring and reporting to SCAH is in hand.

Progress in national programmes for surveillance and control of Johne’s disease/Paratuberculosis Forum
Purpose: To monitor programs for the control of paratuberculosis and helps to facilitate international communications and collaboration leading to early harmonization of paratuberculosis programs. This will assist the dairy sector by facilitating trade of animals and germ plasma. Also, with the evolving animal health certification plan, harmonized rules for paratuberculosis diagnosis and herd certification may one day facilitate international trade of dairy products
Responsible: R Condron (AU) - PG leader, F Bendali (FR), JE Hillerton (NZ), D Kelton (CA), C McCrindle (ZA), O Østeras (NO), S Stoop (BE)
Result: Continuous monitoring and reporting to the SC on Animal Health
Target date: Continuous – depending on international developments
Approval category: (c) - IDF Standing Committee on Animal Health
Status: The IDF HO has received a request to publish the proceedings of the most recent 3rd Para TB Forum in Sydney (AU) on 4 February 2012. IDF had published proceedings from past Para TB Forums and would be interested in publication in the Bulletin of the IDF. The SCAH Chair and Deputy Chair will be consulted and asked for agreement on the articles prior to IDF HO moving forward with publication.
### Action Team on Animal Welfare

**Monitoring of the OIE Animal Welfare working group and up-coming related new work in ISO**

**Purpose**
To monitor developments at OIE and at other international and regional organizations,

**Responsible**
L Mirabito (FR) & J Seifert (IDF)

**Result**
Continuous monitoring and reporting to the SC on Animal health

**Target date**
Continuous – depending on international developments

**Approval category**
(c) - IDF Standing Committee on Animal Health

**Status**
OIE has convened an ad hoc expert working group on the subject while it has not yet initiated the work on Animal Welfare and Dairy Cattle Production Systems. SCAH will intensify the work with identified active experts to tackle up-coming new work in ISO pertaining to animal welfare, based on OIE standards. Implementation of the IDF Guide on AW was another issue to be looked into by IDF.

**Literature review for an overview of the affects of mastitis on the welfare of dairy cattle**

**Purpose**
To provide a review of scientific literature concerning mastitis control practices addressing the alleviation of pain and ethical treatment of cows. A comprehensive reference of published research on mastitis-welfare is needed for those defining animal health and welfare practices. The document will provide a core reference for those determining standard practices for mastitis control in dairy cows.

**Responsible**
J Hogan (US) and L Mirabito (FR) – PG leaders, E Berry (GB), C Burvenich (BE), L De Meulemeester (BE), JE Hillerton (NZ), J Hogan (US), S Friedman (IL), J Jonker (US), M von Keyserlingk (CA), K Leslie (CA), A N Najlasi (IR), Y Persson (SE), M Sanaa (FR), G Verkerk (NZ)

**Result**
Publication of an article in IDF Animal Health Newsletter and a fact sheet

**Target date**
2012 (to be confirmed)

**Approval category**
(c) - IDF Standing Committee on Animal Health

**Status**
The AT has considered the possibility to publish an article per-review. Additionally, a mini-questionnaire about the most important animal welfare topics in various IDF member states will be made and send out to members of SCAH on a short notice to get insight in those welfare issues that play a role in various member countries. Based on the found information Q&A might be created.

### Liaisons with other IDF bodies

<table>
<thead>
<tr>
<th>IDF body</th>
<th>Responsible experts</th>
</tr>
</thead>
<tbody>
<tr>
<td>SC Farm Management</td>
<td>IDF Head Office</td>
</tr>
<tr>
<td>SC Microbiological Hygiene</td>
<td>IDF Head Office</td>
</tr>
<tr>
<td>SC Statistics and Automation (for somatic cell count)</td>
<td>IDF Head Office</td>
</tr>
<tr>
<td>SC Residues and Chemical Contaminants</td>
<td>IDF Head Office</td>
</tr>
</tbody>
</table>

### Liaisons with other international organizations

<table>
<thead>
<tr>
<th>Organisation</th>
<th>Representations</th>
</tr>
</thead>
<tbody>
<tr>
<td>World Organisation for Animal Health (OIE)</td>
<td>E Erlacher-Vindel (OIE) / IDF Head Office</td>
</tr>
<tr>
<td>Food and Agriculture Organization of the United Nations (FAO)</td>
<td>K de Balogh (FAO) / D Battaglia (FAO) / IDF Head Office</td>
</tr>
</tbody>
</table>
**WORKING AREA OF DAIRY SCIENCE AND TECHNOLOGY**

**Standing Committee on Dairy Science and Technology**

**Chair**  
Marie A. Paulsson (SE) since 14 October 2011

**Deputy Chair**  
Jean-Pierre Guyonnet (FR) since 14 October 2011

**IDF Head Office**  
Joerg Seifert

**Objectives**

With a view to informing the dairy sector and facilitating the flow of dairy technology related information for its benefit by reviewing, and reporting on and by initiating new solutions developments and their implications:

- Technological and scientific aspects of processing, packaging, storage and distribution, as related to the quality and characteristics of milk and milk products;
- Technological and functional aspects of dairy ingredients in the food and dairy industry;
- Technological aspects of processing milk of species other than the cow (genus *Bos*);
- Dairy science and technology aspects of special relevance to countries with an emerging dairy industry;
- Promote participation of young and emerging scientists and provide a forum for them to present their work;
- Maintaining relations with international and regional organizations on behalf of the dairy sector in relation to dairy manufacturing procedures;
- Maintaining contact with other IDF Standing Committees with regard to dairy technology, dairy information and knowledge transfer, for example, Nutrition and Health, Labelling and Terminology, Standards of Identity, Environment, Microbiological hygiene, SC Analytical Methods for Processing Aids and Indicators, etc. on the implications of their findings in the context of dairy technology.

**Priority items for 2012/2013 (To be reconfirmed)**

- Salt in manufacturing process of cheese
- IDF WDS Cape Town/ZA 2012 – DST conference

**Work programme**

**Salt in the manufacturing process of cheese**

**Purpose**  
To collect documentation of latest scientific and technological knowledge necessary to enable salt levels in cheeses to be better control and standardize

**Responsible**  
P Paquin (CA) – AT leader, Y Ardó (DK), W Bisig (CH), J Bryans (GB), D Everett (NZ), J-P Guyonnet (FR), G Hiddink (NL), W Hoffmann (DE), A Hill (CA), E Komorowski (GB), T Guinee (IE), S Labrie (CA), C Logan (IE), L Lundin (AU), A-M Michaelidou (GR), V Mofid (IR), I Powell (AU), N Shah (AU), R Sharma (IN), S Skeie (NO), K Wettre Bronner (NO), M Wijsman (NL)

**Result**  
IDF monograph with presentation at IDF event

**Target date**  
End 2012

**Approval category**  
(c) - IDF Standing Committee on Dairy Science and Technology

**Status**  
The work is shortly before completion. SCDST has requested the resulting IDF Bulletin to be made available free-of-charge.
SCDST fact sheets for the IDF website

**Purpose**  
To prepare 2 or 3 fact sheets on topical items of interest to the public to be posted on the IDF website.

**Responsible**  
See below

**Result**  
Fact sheets

**Target date**  
To be determined for individual fact sheets

**Approval category**  
(c) - IDF Standing Committee on Dairy Science and Technology

**Status**  
The authors of future fact sheets identified previously should be reminded with the example of the up-coming facts sheets that will be provided in due course:

- Salt/P Paquin: will be provided when the publication will be completed.
- Cheese varieties/P Jelen (CA): under way.
- What is milk/milk fat – structure/stability: P Paquin (CA) / J-F Boudier (FR), to check with SCNH to be aligned.
- Novel technologies: outcome of the WDS conference: M Corredig (CA)

The following topic shall be kept for later:

- Processing milk/heat treatment: J Floor (ZA) / G Smithers (AU)
- Cheese ripening – evolution of cheese: JF Boudier (FR)

**IDF World Dairy Summit Cape Town (ZA) in November 2012 – dairy science and technology conference**

**Purpose**  
To establish the programme of the dairy science and technology conference

**Responsible**  
J Floor (ZA) – Chair of Programme Committee, P Clarke (AU), P Kelly (IE), P Tong (US) – TBC, S Turgeon (CA), T Huppertz (NL), J-F Boudier (FR)

**Result**  
Conference with publication of proceedings

**Target date**  
November 2012

**Approval category**  
(c) - IDF Standing Committee on Dairy Science and Technology

**Status**  

**IDF World Dairy Summit Yokohama (JP) in Oct/Nov 2013 – dairy science and technology conference**

**Purpose**  
To establish the programme of the dairy science and technology conference

**Responsible**  
K Iwatsuki (JP) – Chair of Programme Committee, M Corredig (CA), P Paquin (CA), P Clarke(AU), M Paulsson (SE), I Toyoda (JP), K Shin (JP)

**Result**  
Conference with publication of proceedings

**Target date**  
October/November 2012

**Approval category**  
(c) - IDF Standing Committee on Dairy Science and Technology

**Status**  
A draft outline of the conference has been developed. Keynote speakers will be invited in due course.

**Science and technology of fermented milk**

**Purpose**  
To gain new insights in science and technology of fermented milks to support the industry to offer dairy products with enhanced nutrition & health benefits and to advertise those benefits to consumers in an appropriate and responsible manner

**Responsible**  
The AT leader / Chair of the Programme Committee will be confirmed by I Powell (AU), J Chocilowska–Choluj (PL), M Chollet (CH), F Dellaglio (IT), S Evavold (NO) J Hakansson (SE), E Matthiasson (IS), M Miks-Krajnik (PL), J Narvhus (NO), JB Prajapati (IN), P Schkoda (CH), N Shah (AU), P Silfverberg (FI), M Sliwinski (PL), J van Hylckema Vlieg (NL), E Waak (SE)

**Result**  
IDF Symposium on Science and Technology of Fermented Milk, combined with IDF symposium on Microstructure of Dairy Products, to be organized in Australia in 2014 with publication of proceedings in a peer-review journal (to be considered by the new AT) and/or by IDF

**Target date**  
December 2014
Microstructure of dairy products

Purpose
To develop a better understanding of and ways to manipulate the microstructure of dairy products, including the use of structural design, modelling and processing for improving the perception and stability of dairy products, molecular and colloid interactions of the fundamental structural elements in dairy products, new methods that provide insight into the structure and behaviour of complex dairy systems and impact of microstructure on digestion and physiological response to dairy products.

Responsible
The AT leader / Chair of the Programme Committee will be confirmed by P Clarke (AU), U Andersen (DK), M Auty (IE), P Clarke (AU), K Dewettinck (BE), S Evavold (NO), D Everett (NZ), V Ferragut (ES), D Guggisberg (CH), JP Guyonnet (FR), C Guyot (DE), R Ipsen (DK), F Møller (DK), M Paulisson (SE), I Powell (AU), M Sliwinski (PL), AJ Trujillo (ES), S Turgeon (CA), F van de Velde (NL)

Result
IDF Symposium on Microstructure of Dairy Products, combined with IDF Symposium on Science and Technology of Fermented Milk, to be organized in Australia in 2014 with publication of proceedings in a peer-review journal (to be considered by the new AT) and/or by IDF

Target date
December 2014

Approval category
(c) - IDF Standing Committee on Dairy Science and Technology

Status
The AT leader / Chair of the Programme Committee to be confirmed will start soon working with the identified experts.
WORKING AREA OF ECONOMICS, MARKETING AND POLICIES

Standing Committee on Dairy Policies and Economics

Chair
Sarah Paterson (NZ) since 19th March 2012
Deputy Chair
Gilles Froment (CA) since 19th March 2012
IDF Head Office
Nico van Belzen/ Apolina Fos

Objectives

With the object of providing the dairy sector with value-added information and analysis of developments in dairy policies and economics:

 To initiate projects to study developments which, in the broader sense, are likely to influence the dairy situation in the medium perspective and to monitor worldwide market conditions and trends for each dairy product category;
 To analyze the economic parameters in relation to milk production, processing and marketing;
 To monitor developments in international trade policies, price support policies, supply management policies and programs designed to encourage the restructuring of milk production, pricing and marketing policies and programs designed to encourage consumption in developed and developing countries. To initiate projects designed to provide economic and statistical information to the member countries of IDF and the world’s dairy sector. To disseminate information and promote the interchange of knowledge through symposia, conferences, seminars, Special Addresses, and regular reports to the dairy sector;
 To maintain relations with other international bodies, at intergovernmental and nongovernmental level, on behalf of the dairy sector in the area of dairy policies and economics;
 To maintain contact with other Standing Committees, for example, on Farm management, Environment, etc. on the policy and economic implications of their findings.

Priority items for 2012/2013

 World Dairy Situation report 2012
 Economy Conference at IDF World Dairy Summit in Cape Town 2012

Work programme

World Dairy Situation report 2012

| Purpose | Survey of world trade in dairy products (annual) with national comments on trends, etc and other issues of interest |
| Responsible | A Krijger (NL), B Rouyer (FR) |
| Result | Issue of Bulletin of IDF |
| Target date | September 2012 |
| Approval category | (c) – IDF Standing Committee on Dairy policies and economics |
| Status | Preparation, collection and publication of information for the 2012 issue. |

Country reports

| Purpose | Survey on production and price trends in IDF member countries |
| Responsible | J Begg (UK) |
| Result | Presentation at each meeting available on the IDF Intranet |
| Target date | On-going |
IDF World Dairy Summit Cape Town (ZA), November 2012

**Purpose**  
Preparation of the conference programme

**Responsible**  
A Krammwinkel (ZA), F Calusa (IT), S Morris (US), A Krijger (NL), S Paterson (NZ)

**Result**  
Conference with publication of proceedings

**Target date**  
November 2012

**Approval category**  
(c) – IDF Standing Committee on Dairy policies and economics

**Status**  

IDF World Dairy Summit Yokohama (JP), October 2013

**Purpose**  
Preparation of the conference programme

**Responsible**  
Dr. Yasaka (JP), K Koide (JP), G Froment (CA), S Morris (US), A Krijger (NL), V Pilet (FR) and I Samulis (AU)

**Result**  
Conference with publication of proceedings

**Target date**  
October 2013

**Approval category**  
(c) – IDF Standing Committee on Dairy policies and economics

**Status**  
Preparation of the Conference in Yokohama 2013

### Liaisons with other IDF bodies

<table>
<thead>
<tr>
<th>IDF body</th>
<th>Responsible experts</th>
</tr>
</thead>
<tbody>
<tr>
<td>Standing Committee on Farm Management</td>
<td>To be determined</td>
</tr>
<tr>
<td>Standing Committee on Marketing</td>
<td>A Krijger (NL)</td>
</tr>
</tbody>
</table>

### Liaisons with other international organizations

**Organizations invited to nominate members**
EUROSTAT: G Mahon (Eurostat)  
European Dairy Association (EDA): J Kleibeuker (EDA)  
Food and Agriculture Organization of the United Nations (FAO): M Cluff (FAO)  
Organization for Economic Cooperation and Development (OECD): P Vavra (OECD)  
International Farm Comparison Network (IFCN): T Hemme (IFCN)
Standing Committee on Marketing

Chair: Ian MacDonald (CA) since 22 May 2010
Deputy Chair: L Damiens (FR) since 22 May 2010
IDF Head Office: Nico van Belzen/ Apolina Fos

Objectives

With the object of stimulating new ideas, strategies, and marketing tools, and facilitating exchange of best practices between dairy marketing professionals, the Standing Committee on Marketing shall:

- Keep under review domestic marketing programs which are designed to increase the domestic market for milk and milk products through advertising, sales promotion, sponsorships/events, consumer education, new or modified product development, consumer research, social media, and public relations programs and campaigns;
- Develop strategies and activities for communication and issues/crisis management that respond to matters of interest or concern affecting dairy products and the dairy industry;
- Initiate projects designed to disseminate information and promote the interchange of knowledge within the member countries of IDF through conferences/seminars, special addresses and regular reports to the members of IDF;
- Take advantage of the potential synergy between dairy marketing and dairy policy and economics;
- Nutrimarketing: In conjunction with the Standing Committee on Nutrition and Health, examine current and new knowledge in dairy nutrition and health and indicate how it can be utilized by the dairy sector to further the image and consumption of milk and milk products and counteract scientifically unjustified information.

Priority items for 2012/2013

- International Milk Promotion Group
- Marketing conference at IDF World Dairy Summit Cape Town 2012
- Marketing conference at IDF World Dairy Summit Yokohama 2013
- SCM membership profile review

Work programme

International Milk Promotion Group (including IMP trophy/annual)

| Purpose | To keep under review domestic promotion and marketing programs which are designed to increase the domestic market for milk and milk products through advertising, sales promotion, sponsorship/events, consumer education, new or modified product development, consumer research, social media, and public relations programs and campaigns. The Group initiates projects designed to assist cooperation in issues and crises management, and to disseminate information and promote the interchange of knowledge within the member countries of IDF through conferences/seminars, special addresses and regular reports to the Standing Committee |
| Responsible | I Berg Hauge (NO), I MacDonald (CA), V Godfrey (US) |
| Result | Summary reports to the Standing Committee on Marketing and case study posting on IDF intranet |
| Target date | Continuous (Annual) |
| Approval category | (c) – Standing Committee on Marketing |
**Status**
Contribute IMP Trophy case study presentations at marketing conferences at IDF World Dairy Summits.

**IDF World Dairy Summit Cape Town (ZA) in November 2012 – marketing conference**

- **Purpose**: Preparation of the conference programme
- **Responsible**: B. de Jongh (ZA) V Godfrey (US)
- **Result**: Conference programme
- **Target date**: November 2012
- **Approval category**: (c) – IDF Standing Committee on Marketing

**IDF World Dairy Summit Yokohama (JP) in October 2013 – marketing conference**

- **Purpose**: Preparation of the conference program
- **Responsible**: V Godfrey (US), A Shohet (Israel), R Walton (JP)
- **Result**: Conference programme
- **Target Date**: October 2013
- **Approval category**: (c) IDF SC Marketing
- **Status**: in development. See [www.WDS2013.com](http://www.WDS2013.com)

**IDF World Dairy Summit Tel Aviv (IL) in October 2014 – marketing conference**

- **Purpose**: Preparation of the conference program
- **Responsible**: A Shohet (Israel), M Johnston (UK), G Miller (US)
- **Result**: Conference programme
- **Target Date**: October 2014
- **Approval category**: (c) IDF SC Marketing
- **Status**: in development.

**Liaisons with other IDF bodies**

<table>
<thead>
<tr>
<th>IDF body</th>
<th>Responsible experts</th>
</tr>
</thead>
<tbody>
<tr>
<td>Standing Committee on Dairy policies and economics</td>
<td>I MacDonald (CA)</td>
</tr>
<tr>
<td>Standing Committee on Nutrition and health</td>
<td>I MacDonald (CA)</td>
</tr>
</tbody>
</table>

**Liaisons with other international organizations**

- EMF – European Dairy Marketing Forum: L Damiens (FR)
WORKING AREA OF ENVIRONMENT

Standing Committee on Environment

Chair  Sophie Bertrand (FR) since 15 October 2011  
Deputy Chair  Anne-Karin Modin Edman (SE) since 15 October 2011  
IDF Head Office  Delanie Kellon

Objectives

While reporting to the global dairy sector on developments concerning environment (effects of environment on milk and milk products, effects of dairying as an economic activity on environment), the Standing Committee on Environment will consider:

- Energy efficiency and GHG emissions quantification and mitigation, including renewable energy generation;
- Water quality, efficiency and reuse;
- Waste management and reduction;
- Review and adoption/promotion of best available technologies and practice;

And will provide leadership on environmental sustainability issues in close liaison with other IDF Standing Committees and relevant third party organizations.

Priority items for 2012/2013 (To be reconfirmed)

- Provide support and active participation to the IDF SC on Nutrition and Health in their work on Dairy Nutrition and Environmental Sustainability;
- IDF dairy sustainability and IDF LCA website including scientific-technically correct and validated fact sheets sustainability issues, for example on carbon footprint of milk and dairy products, on effluent treatment and removal of salts etc.
- Advance the discussion on the future strategic work of SCENV with clear focus on an Environmental Sustainability Strategy with prioritization of issues/challenges to be addressed in the strategy.
- Contribute with input to IDF new work item “Benefits of Dairying”, topical area ‘milk production as a key driver of sustainable rural development’ aiming at developing a fact sheet with case studies on rural development.
### Life Cycle Assessment Development Monitoring Group

**Purpose**

To monitor and track developments in methodology, including sequestration, data sources and other challenging aspects of the LCA’s practical application, objectives are to provide the dairy sector globally with the tools it needs to fully appreciate the environmental impact of milk production and processing, with the aim of identifying key area for improvement, ensure close liaison with international organizations, including, amongst others, ISO, IPCC, UNEP, WBCSD and FAO. It will be important to continue to liaise with the FAO on their project developing a model on GHG emissions from animal food chains and a reference figure for GHG emissions from various livestock sectors. The action team will also look at the developments in allocation rules (milk/meat and products/co-products), feed conversion and genetics.

**Responsible**

B Lindsay (GB) – AT leader, S Bertrand (FR), J Capper (US), O Durmus (BE), A Flysjö (DK), D O’Brien (IE), AK Modin Edman (SE), M Preidl (DE), J-P Revéret (CA), L Shalloo (IE), N Van Buuren (AU), Y Wang (US), R Warren (UK)

**Result**

Ongoing reports to the SCENV on developments in LCA methodology, Reporting every 4 months, This will enable the necessary evidence base to be provided to the SCENV and proposed NWI’s to be established with the aim of seeking approval at the SCENV meeting at each WDS

**Target date**

On going

**Approval category**

(c) - IDF Standing Committee on Environment

**Status**

The Group has initiated work on the revision of IDF guide to standard lifecycle assessment methodology for the dairy sector (IDF Bulletin 445/2010). The objective is to publish an updated version of the guide by the IDF World Dairy Summit (WDS) in Yokohama in 2013.

### Water footprint of dairy products

**Purpose**

To develop a water footprint methodology for dairy products from the farm to the factory gate. The action team will maintain a link with international organizations, including, amongst others, ISO, UNEP, WBCSD, FAO and others who are working on water footprint methodology development. The ultimate objective is to provide the dairy sector globally with a range of tools that enable it to fully appreciate the environmental impact of milk production and processing, and using this as a basis for improvement and subsequent quantification of actions. (NWI 11/03)

**Responsible**

M Preidl (DE) - AT leader, S Bertrand (FR), R Bertsch (DE), J Capper (US), O M Henrique (BR), M Lafontaine (CA), K Leov (NZ), J Hutchings (NZ), B Lindsay (UK), R Warren (UK), C Miller (AU), G Shortle (IE), N van Buuren (AU), S J Hörtenhuber (AT), A Daneshi (IR), Gac (FR), Le Grand C (FR)

**Result**

Report detailing methodology for water footprint for dairy products

**Target date**

2012

**Approval category**

(c) - IDF Standing Committee on Environment

**Status**

Technical work on some of the aspects is in progress. The next physical meeting of the Action Team will take place during the IDF WDS 2012 in Cape Town on Saturday 3 November 2012.
**Biodiversity and the dairy sector**

**Purpose**
To undertake an overview of what has been published on biodiversity and dairy to identify and fully understand the relationships between biodiversity and milk production. This overview will allow the IDF to identify the challenges on the issue and could be the basis to build an action plan if needed. The dairy sector needs to be proactive and take a leading role thus avoiding other ‘group” developing indicators, tools or messages in isolation. Identifying the relationships between biodiversity and milk production will allow the dairy sector appreciate how best to measure and improve biodiversity at the milk production level.

**Responsible**
S Bertrand (FR) - AT leader, K Leov (NZ), B Lindsay (UK), M Preidl (DE), N van Buuren (AU), C Phelps (AU), J Capper (US), J Hutchings (NZ)

**Result**
Publication of a literature review and framework objectives and presentation at the WDS 2012

**Target date**
2012

**Approval category**
(c) - IDF Standing Committee on Environment

**Status**
Literature review has been nearly finalised by the AT leader who will prepare an IDF discussion paper. Next physical meeting of the Action Team will take place during the IDF WDS 2012 in Cape Town on Sunday 4 November 2012.

**SCENV input to IDF communication with regard to environmental sustainability of the dairy sector**

**Purpose**
To advise on IDF communication with regard to environmental sustainability of the dairy sector and IDF input into Global Dairy Agenda for Action.

**Responsible**
B Lindsay (GB) – AT leader, S Bertrand (FR), H Dornom (AU), C Plymesser (US, liaison with SCFM), M Preidl (DE)

**Result**
IDF dairy sustainability website with continuous up-dating, IDF press releases and other communication

**Target date**
Continuous

**Approval category**
Depending on the output

**Status**

**IDF liaison matters with ISO TC 207 and its subcommittee SC7 on Greenhouse gas management and related activities**

**Purpose**
To monitor on-going developments at ISO TC 207 and its subcommittee SC7 Greenhouse gas management and related activities and to ensure timely and validated IDF input to the ISO work.

**Responsible**
J Barnett (NZ) and D Kellon (IDF)

**Result**
New and/or revised ISO standards pertaining to environmental management

**Target date**
Continuous

**Approval category**
Depending on the type of input to ISO TC 207: (a) - IDF National Committees or (c) – SC on Environment

**Status**
There has been no need for IDF active engagement during the past months. IDF will continue to monitor.
Idf liaison matters with ISO TC 207 and its subcommittee SC5/WG8 on Water footprint

**Purpose**: To monitor on-going developments at ISO TC 207 and its subcommittee SC5/WG8 Water footprint and to ensure timely and validated IDF input to the ISO work.

**Responsible**: N van Buuren (AU) and D Kellon (IDF)

**Result**: New ISO standard on water footprint

**Target date**: Continuous

**Approval category**: Depending on the type of input to ISO TC 207: (a) - IDF National Committees or (c) – SC on Environment

**Status**: The committee shall receive a note from the IDF representative who attended meetings on a new ISO standard CD 14046 “Water footprint” shortly.

**Liaisons with other IDF bodies**

<table>
<thead>
<tr>
<th>IDF body</th>
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</thead>
<tbody>
<tr>
<td>SC Farm Management</td>
<td>J W Barnett (NZ)</td>
</tr>
<tr>
<td>SC Dairy Science and Technology</td>
<td>I Coldewey (DE)</td>
</tr>
<tr>
<td>SC Microbiological Hygiene</td>
<td>IDF Head Office</td>
</tr>
</tbody>
</table>

**Liaisons with international organizations**

- Food and Agricultural Organization of the United Nations (FAO) – IDF Head Office
- United Nations Environment Programme (UNEP) – IDF Head Office
- Sustainable Agriculture Initiative (SAI) Platform Dairy Group – IDF Head Office & B Lindsay (GB)
- International Organization for Standardization, ISO TC 207 SC5/WG8 – N van Buuren (AU) & IDF Head Office
- International Organization for Standardization, ISO TC 207 SC7 – J Barnett (NZ) & IDF Head Office
WORKING AREA OF FARM MANAGEMENT

Standing Committee on Farm Management

Chair
Ron Maynard (CA) since 14 October 2011
Deputy Chair
Réjean Bouchard (CA) since 9 November 2008
IDF Head Office
Joerg Seifert

Objectives

To address issues of international importance in the dairy sector and identify possibilities for adding value to dairy production systems; specifically to consider:

- Aspects of animal reproduction influencing performance and health;
- Aspects of milk production and farm management which impact the efficiency and the sustainability of production, labour conditions and farmers’ returns;
- Interpretation of new machine milking and information technologies developments with introduction of required standards and testing procedures and work in cooperation with and provide support to ISO;
- The influence of animal feeding on dairy production in different parts of the world;
- Cooperation with international organizations in dairy-farm-management-related topics (for example FAO, OIE);
- Maintaining contact with other IDF working bodies for example, SC on Animal health, SC on Dairy policies and economics, SC on Environment, SC on Microbiological hygiene, SC on Residues and chemical contaminants and TF on Animal Feeding on the implications of their findings in the context of farm management.

Priority items for 2012/2013 (to be reconfirmed)

- IDF/FAO Guide on hygienic practices at farm level
- Collaboration with SCAH on Guidelines on use of sensors for animal health and productivity
- Fact sheets on Benefits of Dairying - Milk production as key driver of sustainable rural development
- Identification of communication opportunities and preparation of fact sheets on dairy farming for publication on the IDF homepage

Work programme

**Benefits of Dairying – fact sheet on “Milk production as key driver of sustainable rural development”**

**Purpose**

To prepare 3 fact sheets, each containing case studies from around the world for illustration:

- Dairying and environment, i.e. landscape stewardship, preservation of biodiversity,
- Dairying and sustainability of rural areas, i.e. contribution to profitable rural communities, employment and sustainable management of resources,
- Contribution of dairy to food safety and security including animal health and welfare, with reference to the use of good farming practices and dairymen' skills.

The work is developed jointly with IDF SCENV.
### Responsible

<table>
<thead>
<tr>
<th>Name</th>
<th>Role</th>
</tr>
</thead>
<tbody>
<tr>
<td>H Dornom (AU)</td>
<td>Project Group leader, R Maynard (CA), H Clark (CA), R Bouchard (CA), A-K Modin Edman (SE)</td>
</tr>
</tbody>
</table>

### Result

Publication of fact sheets on IDF website

### Target date

November 2012

### Approval category

b) & c) SCFM, SCENV and SPCC

### Status

The work has been initiated by drawing a framework (scope) to describe the meaning of “sustainable rural development” by a limited number of overarching principles (i.e. 5 components) and then decide on how dairy drives the different components in that sustainable development globally (the components identified should ideally be globally relevant, although a different degree of significance can apply depending on the world’s region). In a second phase, the three fact sheets will be refined and completed and then be populated with concrete examples of actions (preferred source: [www.dairysustainabilityinitiative.org](http://www.dairysustainabilityinitiative.org))

### Survey on payment systems for ex-farm milk

**Purpose**

To provide information on how farm-gate milk prices are calculated around the world. The outcome of the work could be used by dairy farmer organizations, milk marketing boards, academia and other dairy industry stakeholders. It could assist developing countries to develop/improve their national payment system. Furthermore, the global dairy sector would benefit from the work by receiving an update that would also indicate changes in regard to payment systems in the past decade as well as trends for future development.

**Responsible**

M Beauséjour (CA) – AT leader, R Bouchard (CA), S David (GB), R Dünner (CL), S-Y Ham (KR), BJ Lassen (DE), NO Nielsen (DK), A Richard (FR), L Tamir (IL), M Wohlfahrt (DE),

**Result**

Publication in the Bulletin of IDF and/or IDF on-line database

**Target date**

November 2012

**Approval category**

(c) - IDF Standing Committee on Farm Management

**Status**

To be provided to the next meeting of the SCFM in Cape Town (ZA) on 3 November 2012.

### Action Team on Dairy Farming Practices

**IDF/FAO Guide to Hygienic Practices at Farm Level and in Milk Production**

**Purpose**

To summarize and describe in a guide the principles and practices that should be adopted by dairy producers operating at farms of any size and relevant for small ruminants and emerging countries. The work is part of a process of establishing practical guidance to each of the focus areas addressed by the IDF/FAO Guide to Good Dairy Farming Practice (2004).

**Responsible**

H Dornom (AU) - Project Group leader, E Berry (GB), R Bouchard (CA), O Cerf (FR), R Condron (AU), E Fragkiadaki (GR), JE Hillerton (NZ), J Jonker (US), C McCrindle (ZA), M. Namjoshi (IN), M Preidl (DE), H Jun-Sang (KR), R A Stachura (PL), O. Thieme (FAO)

**Result**

IDF/FAO Guide to Hygienic Practices at Farm

**Target date**

2012

**Approval category**

(a) – National Committees

**Status**

Work is in progress with finalization expected according to plan.
### Machine milking - Evolution in automatic milking, milk quality, animal health, farm management

**Purpose**
Provision of information to the dairy sector on further developments with automatic milking systems.

**Responsible**
O Lind (SE), C.J.A.M. de Koning (NL) – Project Group leaders, J Baines (GB), H Hogeveen (NL), AH Ipema (NL), TT Motttram (GB), MD Rasmussen (DK), D Reinemann (US).

**Result**
Article in the Bulletin of IDF.

**Target date**
2012

**Approval category**
(c) - IDF Standing Committee on Farm Management.

**Status**
The draft final IDF Bulletin has been circulated for review and comment in June 2012. Publication is expected at the time of the IDF WDS Cape Town/ZA in November 2012.

### Machine milking - Cluster removers: Test for determination of switch point and delay time

**Purpose**
Overview of existing equipment and procedures for testing cluster removers (ACR) and development of a reference laboratory test and separate procedures for field-tests. The objective of the work is to develop a simple method for assessing cluster remover performance.

**Responsible**
C.J.A.M. de Koning (NL) - Project Group leader, H Idensjö (SE), E Manninen (FI), M D Rasmussen (DK), O Rønningen (NO).

**Result**
Article(s) in the Bulletin of IDF.

**Target date**
To be determined

**Status**
(c) - IDF Standing Committee on Farm Management.

### Milk flow characteristics and teat dimensions of various machine milked animals

**Purpose**
The intention is to include animals, other than high producing dairy breeds, such as Zebu cattle, water buffalo, reindeer, camels, horses, etc. It was noted that such work should be of interest to countries where dairying is in development and their involvement should sought.

**Responsible**
D Reinemann (US) – Project Group leader, HC Larsen (DK), E Manninen (FI), F Sangiorgi (IT), B Schulze Wartenhorst (DE).

**Result**
Article for publication in the Bulletin of IDF.

**Target date**
2012

**Approval category**
(c) – IDF Standing Committee on Farm Management.

**Status**

### Milking-time tests methodology and interpretation of results

**Purpose**
Develop specifications for tests performed during milking to help harmonize milking-time test methods and their interpretation.

**Responsible**
O Rønningen (NO) - Project Group leader, M Gyllenswärd (SE), E Harty (IE), H Idensjö (SE), E Manninen (FI) F Neijenhuis (NL), E O’Callaghan (IE), C O Paulrud (DK), MD Rasmussen (DK), DJ Reinemann, (US), H Shademani (IR).

**Result**
Article for publication in the Bulletin of IDF.

**Target date**
2012

**Approval category**
(c) – IDF Standing Committee on Farm Management.

**Status**

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*Farm Management*

*Action Team on Milking Equipment and Methods*
Work under consideration

**Functional requirements of the new ISO-standards**

**Purpose**
Overview of existing equipment and procedures for testing cluster removers (ACR) and development of a reference laboratory test and separate procedures for field-tests. The objective of the work is to develop a simple method for assessing cluster remover performance.

**Responsible**
Project Group leader to be determined, E Harty (IE), HC Larsen (DK) E Manninen (FI), D Reinemann (US) F Sangiorgi (IT)

**Result**
Document on Functional Requirements of the new ISO-standards

**Target date**
To be determined

**Approval category**
(c) - IDF Standing Committee on Farm Management

**Status**
The Project Group will explore the possibility for starting the work after having an overview of what was included in the previous work and how much work will be involved in a new edition. The group will organize through email and determine a scope and timeline for the work.

Liaisons with other IDF bodies

<table>
<thead>
<tr>
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<tbody>
<tr>
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<tr>
<td>SC Residues and chemical contaminants</td>
<td>IDF Head Office</td>
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</tbody>
</table>

Liaisons with other international organizations

- ISO/TC23 Tractors and machinery for agriculture and forestry | O Lind (SE) |
- ICAR International Committee on Animal Recording | IDF Head Office |
- Food and Agriculture Organization of the United Nations | IDF Head Office |
- World Organisation for Animal Health (OIE) | IDF Head Office |
Task Force on Animal Feeding

Chair Jamie Jonker (US) since 18 August 2010
Deputy Chair Ed Komorowski (GB) since 18 August 2010
IDF Head Office Joerg Seifert

Objectives

To develop the IDF Programme of Work with regard to animal feeding, in particular:

- To develop options for and implications from changing animal diets targeted at reducing carbon footprint (predominantly related to methane emissions from enteric fermentation);
- To develop options for and implications from changing animal diets in view of nutrient composition in milk in the context of human health and nutrition;
- To identify the consequences of changing animal diets with regard to animal welfare, animal health, and productivity;
- To develop options for and implications from changing animal diets in view of impending climate changes (predominantly referring to changing weather patterns and more extreme weather conditions);
- To support the IDF SC on Residues and Chemical Contaminants in monitoring and proving input to the work of the new Codex ad hoc Intergovernmental Codex Task Force on Animal Feeding.

The ultimate objective for IDF is the development of an IDF scientific-technical monograph on animal feeding in the dairy sector, taking into account the various requirements including productivity, animal welfare, human nutrition, and sustainability.

Priority items for 2012/2013 (to be reconfirmed)

- Completion of the current IDF/FAO/IFCN Project “World mapping of animal feeding systems in the dairy sector” with continuous up-dating
- Finalization of Inventory of methods of analysis for the evaluation of the changes of milk composition with regard to animal feeding changes
- IDF monitoring and input to new Codex work related to animal feeding (work item of the SCRCC)
- Starting work on IDF/FAO Guide on Animal Nutrition

Work programme

*Inventory of methods of analysis for the evaluation of the changes of milk composition with regard to animal feeding changes*

<table>
<thead>
<tr>
<th>Purpose</th>
<th>Methods of analysis necessary to control routinely and accurately the effects on milk composition of changes in animal feeding are not yet available for all nutrients of interest. Since changing animal diet could have side effects on animal health, modify nutritional balance of milk or modify processed dairy products properties, it must be precisely monitored. The aim of the work item is to establish an inventory of the nutrients which could be modulated by animal feeding (change in milk composition), and to make sure that an analytical method or methodology exists for criteria of interest as the basis for further work.</th>
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<tbody>
<tr>
<td>Responsible</td>
<td>T Geslain (FR) – Project leader, N Artik (TK), G Contarini (IT), A Dubois (IDF), MR Garg (IN), ES Komorowski (GB), S Koratikere (IN), JR Newbold (BE), E Zerbini (IT)</td>
</tr>
</tbody>
</table>
**Result**
Internal IDF document presenting the components of milk the most sensitive to cow feeding and available methods of analysis.

**Target date**
To be confirmed

**Approval category**
(b) – IDF Science and Programme Coordination Committee

**Status**
A list of standardized and non-standardized methods has been produced. The last meeting of TFAF agreed to put the Action Team on stand-by until the scope of the proposed new work on relating feeding to milk composition is clarified.

**IDF/FAO/IFCN World mapping of animal feeding systems in the dairy sector**

**Purpose**
In order to assess the impact of feeding modifications on existing systems or any recommendation on animal feeding an inventory should be made of the different feeding systems used worldwide, as precisely as possible, and according to geographic zones and farm size. This will help to understand the complexity of this issue, to evaluate the impact of certain recommendations, but it could also provide interesting data on practices used in certain areas.

**Responsible**
IDF part: B Rouillé (FR) – TF Project Leader, IFCN part : T Hemme and O Alquaisi (IFCN), FAO part: H Makkar (FAO)

**Result**
IDF/FAO/IFCN publication with presentation of key results also from a dedicated website

**Target date**
2012

**Approval category**
(b) – IDF Science and Programme Coordination Committee

**Status**
The report is being finalized for peer-review, organized through FAO, prior to publication. A special website has already been created to be up-dated with forthcoming results to be published: [http://dairyfeedingsystems.org/Public/en/ANIMAL+FEED/Welcome](http://dairyfeedingsystems.org/Public/en/ANIMAL+FEED/Welcome)

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<td>SC Food Additives</td>
<td>IDF Head Office</td>
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<td>SC Food Labelling and Terminology</td>
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<td>SC Farm Management</td>
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<td>Methods Standards Steering Group</td>
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**Liaisons with other international organizations**

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<tr>
<td>Codex Alimentarius</td>
<td>IDF Head Office</td>
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<tr>
<td>Food and Agriculture Organization of the United Nations</td>
<td>D Battaglia (FAO)</td>
</tr>
<tr>
<td>World Organisation for Animal Health (OIE)</td>
<td>S Kahn (OIE)</td>
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<tr>
<td>International Feed Industry Federation (IFIF)</td>
<td>E Zerbini (IT)</td>
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<tr>
<td>European Feed Manufacturer's Federation (FEFAC)</td>
<td>JR Newbold (BE)</td>
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<tr>
<td>International Farm Comparison Network (IFCN)</td>
<td>IDF Head Office</td>
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WORKING AREA OF FOOD STANDARDS

Standing Committee on Food Additives

Chair
Jennifer Huet (FR) since October 2011

Deputy Chair
Keith Johnston (NZ) since October 2011

IDF Head Office
Aurélie Dubois

Objectives

- Representing member interests from an industry perspective on international food additive issues;
- Monitoring, reviewing, reporting and advising on regulation of the use of food and animal feed additives, processing aids, carriers, flavors and colors;
- Assisting Codex in adopting technically correct and feasible Codex standards, codes, and guidelines on food and animal feed additives, processing aids, carriers, flavors and colors, based upon international consensus;
- Collecting and presenting data on risk assessments of additives, processing aids, carriers, flavors and colors;
- To assist in developing consensus positions for the use of additives, including processing aids, carriers, flavors and colors through the monitoring and involvement in the activities of the Joint FAO/WHO Expert Committee on Food Additives (JECFA), the CCFA, the CAC and other relevant national and international organizations;
- To represent member views in preparing IDF reports, statements, position papers, proposals, surveys, etc. including submission of technical advice to the CCFA, the JECFA and other relevant Codex bodies, in consultation with other IDF Standing Committees as appropriate, in particular the Standing Committees on Standards of Identity, and Food Labelling and Terminology;

In particular:

- To provide advice and information to members, IDF SC and IDF Observers on the use of additives, additives provisions relating to milk and milk products, including processing aids, carriers, flavors and colors;
- To review and endorse recommendations of the Standing Committees on Standards of Identity for technological justifications for additives intended for inclusion into Codex dairy standards;
- To provide technical advice to Codex in the development of the General Standard for Food Additives;
- To advocate members views and provide technical advice for the work of the CCFA and other relevant Codex bodies, when requested;
- To monitor and provide input into the development of food additive provisions of the Codex organic food standards, via the SCFLT;
- To monitor and provide input into the development of feed additives provisions of the Codex animal feeding standards.

The Standing Committee has, on behalf of IDF, the main responsibility for adequately monitoring the additive work of the CCFA and the JECFA in so far as it affects additives, processing aids, carriers, flavors and colors and for providing advice on any implications for the work of other IDF SC.

Priority items for 2012/2013

- Strategies for harmonization of Codex dairy standard food additives with the GSFA
- Ongoing Comparison of all food additives in all Codex dairy standards versus the most recent version of the GSFA, and GL 36
- Additives in GSFA Dairy Product Categories
Work programme

Monitor the CCFA approach on alignment of standards with the GSFA

<table>
<thead>
<tr>
<th>Purpose</th>
<th>Prepare IDF position for the CCFA, by reviewing CCFA documents</th>
</tr>
</thead>
<tbody>
<tr>
<td>Responsible</td>
<td>K Johnston (NZ) – AT leader; N Delfaut (FR), C Heggum (DK), M Hickey (IE), A Sayler (US)</td>
</tr>
<tr>
<td>Result</td>
<td>IDF submissions to Codex, as needed</td>
</tr>
<tr>
<td>Target date</td>
<td>Continuous, depending on Codex progress</td>
</tr>
<tr>
<td>Approval category</td>
<td>(a) – IDF National Committees</td>
</tr>
<tr>
<td>Status</td>
<td>CCFA agreed on a decision tree as a working document based on a compromised approach that recognizes the legitimate role of the commodity standards, while recognizing that the GSFA apply where possible. An electronic working group will apply decision tree to standards with simple food additives provisions (cocoa standards, and soups and bouillons standards). The AT will look at how the ‘decision tree’ approach will impact the alignment of the additive provisions in the dairy standards with the GSFA.</td>
</tr>
</tbody>
</table>

Harmonization of Codex dairy standards food additives with GSFA

<table>
<thead>
<tr>
<th>Purpose</th>
<th>Prepare IDF position for CCFA, by providing the work done on comparison for dairy standards when on the CCFA agenda</th>
</tr>
</thead>
<tbody>
<tr>
<td>Responsible</td>
<td>K Johnston (NZ) – AT leader</td>
</tr>
<tr>
<td>Result</td>
<td>IDF submissions to Codex, as needed</td>
</tr>
<tr>
<td>Target date</td>
<td>Continuous, depending on Codex progress</td>
</tr>
<tr>
<td>Approval category</td>
<td>(a) – IDF National Committees</td>
</tr>
<tr>
<td>Status</td>
<td>Awaiting CCFA progress on alignment of standards.</td>
</tr>
</tbody>
</table>

Harmonization of provisions between GSFA and GL 36 – ongoing updates

<table>
<thead>
<tr>
<th>Purpose</th>
<th>Provide comments in view of harmonization of provisions between GSFA and GL 36, when dairy standards will be on CCFA agenda</th>
</tr>
</thead>
<tbody>
<tr>
<td>Responsible</td>
<td>M Hickey (IE)</td>
</tr>
<tr>
<td>Result</td>
<td>IDF submissions to Codex, as needed</td>
</tr>
<tr>
<td>Target date</td>
<td>Continuous, depending on Codex progress</td>
</tr>
<tr>
<td>Approval category</td>
<td>(a) – IDF National Committees</td>
</tr>
<tr>
<td>Status</td>
<td>Awaiting CCFA progress</td>
</tr>
</tbody>
</table>

Monitoring of JECFA – Priority list

<table>
<thead>
<tr>
<th>Purpose</th>
<th>To monitor and report activities, including communicating priorities on food additive review to the SCFA and make recommendations on food additives and priorities for JECFA review. Develop report to the SCFA on JECFA activities for every SCFA meeting. Information of ongoing activities can be retrieved from the JECFA Internet website.</th>
</tr>
</thead>
<tbody>
<tr>
<td>Responsible</td>
<td>J Huet (FR) – Action Team leader, S Sausville (US)</td>
</tr>
<tr>
<td>Result</td>
<td>Provide on a continuous basis advice/recommendations to the SCFA</td>
</tr>
<tr>
<td>Target date</td>
<td>Continuous</td>
</tr>
<tr>
<td>Approval category</td>
<td>(c) – Standing Committee on Food Additives</td>
</tr>
<tr>
<td>Status</td>
<td>Two additives under consideration which are important for the dairy sector are Paprika extract (as a colour) and Titanium Dioxide (as a bleaching agent).</td>
</tr>
</tbody>
</table>
For Paprika extract, IDF was informed that funding for the evaluation are in place and compositional analyses were under way and the results can only be reported for the 2013 meeting.
AT to provide report and recommendations at next SCFA meeting.

**Aluminium lakes colors**

**Purpose**
Prepare for possible discussions at Codex level on use of aluminium lakes colors in dairy products

**Responsible**
N Delfaut (FR) – AT leader; A Sayler (US), M Hickey (IE)

**Result**
IDF submissions to Codex, as needed

**Target date**
Continuous, depending on Codex progress

**Approval category**
(a) – IDF National Committees

**Status**
AT to anticipate discussions at Codex level, based on current discussions at the EU level.

**Review of GSFA food category 1.1.1.2 buttermilk**

**Purpose**
Investigate whether a request to revise the GSFA category 1.1.1.2 Buttermilk shall be sent to CCFA

**Responsible**
A Sayler (US), K Schober (AT)

**Result**
IDF submissions to Codex, as needed

**Target date**
Continuous, depending on Codex progress

**Approval category**
(a) – IDF National Committees

**Status**
The AT will look at the possible re-categorization of buttermilk as a fermented product which therefore could be covered by the Fermented Milk standard – the existing Food Category 01.1.1.2 includes all buttermilk derived from the buttermaking process (which could be from either “sweet” cream and “ripened” cream) and also derived from the fermentation of fluid skimmed milk.

**Communication – preparation of fact sheets**

**Purpose**
To provide factsheets about food additives for IDF website

**Responsible**
TBD, SCFA members

**Result**
Fact sheets for IDF website

**Target date**
TBD

**Approval category**
(b) – SPCC

**Status**
A factsheet on food additives has been uploaded on the IDF website.
A second fact sheet on trends in use of additives is still under discussion.

**Established liaisons with other IDF bodies**

<table>
<thead>
<tr>
<th>IDF body</th>
<th>Responsible experts</th>
</tr>
</thead>
<tbody>
<tr>
<td>SC Food Labelling and Terminology</td>
<td>IDF Head Office</td>
</tr>
<tr>
<td>SC Microbiological Hygiene</td>
<td>C Heggum (DK)</td>
</tr>
<tr>
<td>SC Residues and Chemical Contaminants</td>
<td>IDF Head Office</td>
</tr>
<tr>
<td>SC Standards of Identity</td>
<td>M Hickey (IE)</td>
</tr>
<tr>
<td>SC Analytical Methods for Additives and Contaminants</td>
<td>IDF Head Office</td>
</tr>
</tbody>
</table>

**Liaisons with other international organizations**

- Codex Committee on Food Additives (CCFA)
- Joint FAO/WHO Expert Committee on Food Additives (JECFA)
- Codex Committee on Food Labelling (CCFL)
Standing Committee on Labelling and Terminology

Chair: Eric Grande (FR) since 8 November 2008
Deputy Chair: Cary Frye (US) since 8 November 2008
IDF Head Office: Laurence Rycken

Objectives

With the objects of

- monitoring, reviewing, reporting and advising on labelling principles and options as well as on the correct use of dairy terms within the framework of the Codex General Standard for Use of Dairy Terms, and
- assisting Codex in adopting technically correct and feasible Codex texts based upon international consensus:

To consider:

- Pursuing through the monitoring of the activities of the CCFL and the CCNFSDU and other relevant international organizations insofar as they affect the use of dairy terms and the labelling of dairy products and substitutes to dairy products;
- Preparation of IDF reports, statements, position papers, proposals, etc. including submissions of technical or scientific advice to the CCFL and the CCNFSDU, in consultation with other relevant IDF Standing Committees as appropriate, in particular the Standing Committees on Standards of Identity, Nutrition and Health, and Marketing;

In particular,

- To examine all types of labelling and terminology issues and requirements considered by Codex insofar as they affect milk and milk products and their substitutes, and make appropriate recommendations;
- To consider the use and regulation of claims (including nutrition and health claims);
- To review and endorse recommendations of the Standing Committees on Standards of Identity for justifications for the labelling provisions intended for inclusion into Codex dairy standards, and to support them during the subsequent consideration in the CCFL.

The Standing Committee has, on behalf of IDF, the main responsibility for adequate monitoring of the labelling related work of the CCFL (and related matters discussed at and referred from CCNFSDU to CCFL) and for providing advice on any implications for the work of other IDF Standing Committees.

Priority items for 2012-2013

- Coordination of Codex nutrition matters with the SCNH (Standing Committee on Nutrition and Health)
- Codex Implementation of the WHO Global Strategy on Diet, Physical Activity and Health – food labeling issues (CCFL Discussion on Non Addition Claims and Comparative Nutrient Content Claims)
- Communication - Preparation of fact sheets
### Coordination of Codex nutrition matters (Joint SCNH/SCFLT Action Team - Division of lead by SCNH and SCFLT depending on topic of work)

**Purpose**
Monitor scientific nutrition-related aspects of the CCNFSDU and CCFL and provide advice; prepare IDF input to Codex, if needed

**Responsible**
TBD – Action Team leader, P Ballester (ES), R Bouchard (CA), KW Bronner (NO), P Dekker (NL), H Dornom (AU), C Frye (US), T Geslain (FR), J-C Gillis (FR), E Grande (FR), A Hayman (NZ), C Heggum (DK), M Hickey (IE), GJ Hiddink (NL), E. Jacquier (CH), V Landells (AU), H Lippman (US), M Lugt (NL), S Marcoullier (US), I Neiderer (CA), M Preller (EDA), H Schonfeldt (ZA), I Stratakou (NL), I Subirade (FR), B Vandewaetere (BE).

**Result**
Depending on up-coming issues to provide advice to the Food Standards Steering Group and the Standing Committee on Food Labelling and Terminology, prepare IDF draft submissions to CCNFSDU and CCFL if needed

**Target date**
Continuous

**Approval category**
(a) – IDF National Committees (with regard to IDF submissions)

**Status**
The AT is preparing input to CCFL and CCNFSDU electronic working groups and to the next meetings of the CCFL and CCNFSDU. IDF will monitor and provide input if needed.

According to latest Codex decision the following item was adopted at step 8 Draft Revision of the Guidelines on Nutrition Labelling (CAC/GL 2-1985) concerning a new definition of “nutrient reference values”. Draft Nutrient Reference values (NRVs) of sodium and trans fatty acids were adopted at Step 5 for further discussion by Codex Committee on Nutrition and Foods for Special Dietary Uses (CCNFSDU) in light of the outcome of the WHO work on sodium and saturated fatty acids. Other specific items addressed by Project Groups of the ATs are reported below.

#### Codex implementation of the WHO Global Strategy on Diet, Physical Activity and Health – food labelling issues

**Purpose**
Monitor the discussion in CCFL and prepare IDF input to Codex, if needed, with regard to food labelling issues, in particular Revision of the Guidelines on Nutrition Labelling concerning discussion of issues related to mandatory nutrition labeling and on nutrition claims.

**Responsible**
E Grande (FR) – Project Group Leader on Mandatory Nutrition Labelling
I Neiderer (CA) – Project Group Leader on Nutrition Claims

**Result**
Preparation of IDF input to the Codex CCFL electronic working groups and plenary discussions

**Target date**
To be determined – depending on progress in Codex

**Approval category**
(a) – IDF National Committees

**Status**
CCFL set up several electronic working groups with regard to the action plan for the implementation of the WHO Global Strategy on Diet, Physical Activity and Health.

- PG on mandatory Nutrition Labelling – Revision of the Guidelines on Nutrition Labelling (CAC/GL 2-1985) concerning provisions for mandatory nutrition labelling were adopted at
Step 5/8.


**Communication - Preparation of fact sheets**

<table>
<thead>
<tr>
<th>Purpose</th>
<th>SPCC requested each SC to prepare fact sheets on topical items of interest to the public to be posted on the IDF website.</th>
</tr>
</thead>
<tbody>
<tr>
<td>Responsible</td>
<td>TBD</td>
</tr>
<tr>
<td>Result</td>
<td>Fact sheet</td>
</tr>
<tr>
<td>Target date</td>
<td>November 2012</td>
</tr>
<tr>
<td>Approval category</td>
<td>(b) Science and Programme Coordination Committee</td>
</tr>
<tr>
<td>Status</td>
<td>SCFLT agreed to create a fact sheet on Codex General Standard for the Use of Dairy Terms (GSUDT). It was finalized in June 2012.</td>
</tr>
</tbody>
</table>

**Liaisons with other IDF bodies**

<table>
<thead>
<tr>
<th>IDF body</th>
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</tr>
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<tbody>
<tr>
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</tr>
<tr>
<td>SC Nutrition and Health</td>
<td>IDF Head Office</td>
</tr>
<tr>
<td>SC Standards of Identity</td>
<td>M Hickey (IE)</td>
</tr>
</tbody>
</table>

**Liaisons with other international organizations**

- Codex Committee on Food Labelling (CCFL)
- Codex Committee on Nutrition and Food for Special Dietary Uses (CCNFSDU)
Standing Committee on Standards of Identity

Chair: Deborah van Dyk (US) since 9 November 2008
Deputy Chair: Jean-Claude Gillis (FR) since 17 September 2009
IDF Head Office: Aurélie Dubois

Objectives

With the objects of:

- Elaborating definitions and standards of identity for milk products and other foods of interest to the dairy sector, and
- Assisting Codex and other bodies as necessary in adopting technically correct and feasible standards of identity as referred to in a) based on international consensus:

To consider:

- Pursuing
  - the development of draft standards and related texts for submission to the CCMMP and other Codex committees as relevant;
  - monitoring the activities of the CCMMP, other Codex committees including those involved in the endorsement and/or adoption of standards of identity for foods; and
  - consideration of government comments and other questions relating to the regulation of dairy and other food standards of interest to the dairy sector;
- Preparation of IDF reports, statements, position papers, proposals, etc. including submission of technical advice to the CCMMP, other Codex committees, and other bodies as necessary;

In particular:

- To participate in the revision of the existing Codex Standards for milk products and other foods of interest to the dairy sector;
- To provide technical advice to the work of the CCMMP;
- In co-operation with the IDF Standing Committee on Food additives to provide technological justifications for the additives used for milk product(s) and other foods of interest to the dairy sector;
- In co-operation with the IDF Standing Committee on Food labelling and terminology to provide justifications for the labelling provisions included in the draft standards.

Priority items for 2012/2013 (to be reconfirmed)

- Codex discussions on possible standardization of processed cheese
- Codex regional standardization of traditional fermented products ayran
- Codex regional standardization of traditional fermented products doogh
- Communication – Preparation of facts sheets

Work programme

**Codex discussions on possible standardization of processed cheese**

**Purpose**

A decision on the recommendation of CCMMP to discontinue work on the development of a draft revised standard for Processed Cheese was deferred by the Codex Alimentarius Commission based on the intervention of 13 members. CAC requested relevant FAO/WHO Coordinating Committees to discuss the necessity and the scope of regional standards for processed cheese and report their findings to the next session of CAC.
**Codex regional standardization of fermented product ayran**

**Purpose**
Following CAC adoption of the amendment to the Codex Standard for Fermented Milks pertaining to Drinks based on Fermented Milk the development of regional standard for ayran was encouraged by CAC, as this products could not be accommodated within the existing Codex standard for fermented milk.

**Responsible**
M Hickey (IE) – AT leader, M Amjadi Gopayegani (IR), N Artik (TR), J de Stoppelaar (NL), C Frye (US), JC Gillis (FR), J Rieke (DE), K Schober (AT), J Vignal (CH).

**Result**
Codex Regional Standard

**Target date**
To be determined by Codex

**Approval category**
(a) – IDF National Committees

**Status**
An electronic working group is currently working on a Proposed Draft Regional Standard for Ayran for consideration at the next session of the Coordinating Committee for Europe. IDF has submitted comments. IDF input needs to be considered to ensure the standards are consistent with the Codex International Standard for Fermented milks (CODEX STAN 243-2003).

**Codex regional standardization of fermented product doogh**

**Purpose**
Following CAC adoption of the amendment to the Codex Standard for Fermented Milks pertaining to Drinks based on Fermented Milk the development of regional standard for doogh was encouraged by CAC, as this products could not be accommodated within the existing Codex standard for fermented milk.

**Responsible**
M Hickey (IE) – AT leader, M Amjadi Gopayegani (IR), N Artik (TR), J de Stoppelaar (NL), C Frye (US), JC Gillis (FR), J Rieke (DE), K Schober (AT), J Vignal (CH).

**Result**
Codex Regional Standard

**Target date**
To be determined by Codex

**Approval category**
(a) – IDF National Committees

**Status**
IDF input needs to be considered to ensure the standards are consistent with the Codex International Standard for Fermented milks (CODEX STAN 243-2003). The Iranian delegation is seeking for support to develop the first draft. The AT will provide assistance in establishing the first draft. Previous discussions held during the development of standard for fermented milk drinks shall not be reopened.
### Communication - Fact sheets

**Purpose**
SPCC requested each SC to prepare 2 or 3 fact sheets on topical items of interest to the public to be posted on the IDF website.

**Responsible**
- 1 - D van Dyke (US) – AT leader, C Frye (US), J-C Gillis (FR), K Johnston (NZ), M Hickey (IE)
- 2 - R Bishop – AT leader, C Frye (US), T Geslain (FR), JC Gillis (FR)

**Result**
Fact sheets

**Target date**
End 2012

**Approval category**
(b) – Science and Programme Coordination Committee

**Status**
The SCSID agreed on two priority subjects for fact sheets:
- 1 International standards – why do I care?
  - AT to review draft for final SCSID review at the next meeting.
- 2 Nitrogen Protein Conversion Factor
  - AT to provide a first draft for review by the SC.

Other subjects for further developments are: Identity of dairy products: name, composition, labelling..., Use of dairy terms, How cheese is made? What is fermented milk?

### Work under consideration

**Inventory of legislation related to standards of identity of dairy products**

**Purpose**
Provide references of national legislation related to standards of identity of dairy products

**Responsible**
R Hall (NZ) AT leader, M Hickey (IE), C McCrindle (ZA), M Windhausen (DE), R Byrne (US), R Condron (AU), A Hayman (NZ), D Schumacher (NZ).

**Result**
Inventory of legislation on IDF intranet

**Target date**
2012

**Approval category**
c– SCSID

**Status**
The action team has tested the concept of inventory on a couple of dairy products, and based on a positive outcome, a NWI proposal is now being circulated to SPCC, then National Committees for approval.

### Liaisons with other IDF bodies

<table>
<thead>
<tr>
<th>IDF body</th>
<th>Responsible experts</th>
</tr>
</thead>
<tbody>
<tr>
<td>SC Dairy Science and Technology</td>
<td>IDF Head Office</td>
</tr>
<tr>
<td>SC Food Additives</td>
<td>M Hickey (IE)</td>
</tr>
<tr>
<td>SC Food Labelling and Terminology</td>
<td>C Frye (US) / R Bouchard (CA)</td>
</tr>
<tr>
<td>SC Microbiological Hygiene</td>
<td>C Heggum (DK)</td>
</tr>
<tr>
<td>SC Residues and Chemical Contaminants</td>
<td>H Dornom (AU)</td>
</tr>
<tr>
<td>SC Nutrition and Health</td>
<td>IDF Head Office</td>
</tr>
<tr>
<td>SC Methods Standards Steering Group</td>
<td>IDF Head Office</td>
</tr>
</tbody>
</table>
WORKING AREA OF HYGIENE AND SAFETY

Standing Committee on Microbiological Hygiene

Chair
Kieran Jordan (IE) since 14 October 2011
Deputy Chair
Choreh Farrokh (FR) since 14 October 2011
IDF Head Office
Aurélie Dubois

Objectives

With the object of

▪ monitoring, reviewing, reporting and advising on hygiene management, its foundation, principles, procedures, options and measures, applicable throughout the food chain and appropriate for achieving safe and suitable milk and milk products;
▪ assisting Codex in adopting technically correct and feasible Codex hygiene standards, codes, and guidelines based on international consensus;
▪ advising the dairy sector about the implications, and the control and management of hygiene and microbiological contaminants;

To consider:

▪ Making input through the monitoring of the activities of CCFH, CCGP and CCFICS and other relevant international organizations (e.g. ICMSF) concerning:
  o microbiological risk assessment relevant to the safety of milk and milk products;
  o microbiological risk management, and relevant to the microbiological safety of milk and milk products;
  o hygiene management relevant to obtain safe and suitable milk and milk products;
▪ Preparation of IDF reports, statements, position papers, proposals, etc. including submissions of technical advice to the CCFH, the CCGP and the CCFICS;
▪ Preparation of information material for the dairy sector based upon the above work.

In particular:

▪ To act as technical advisor to Codex in the development of microbiological texts relevant for milk and milk products;
▪ To monitor activities at international level of microbiological Risk Management procedures and make appropriate recommendations;
▪ To identify and prioritize microbiological hazards relevant for the safety of milk and milk products and for which Risk Assessments are needed and to consider Risk Management options upon such information;
▪ To develop guidelines for appropriate microbiological hygiene management for application at relevant stages of the food chain;
▪ To consider the problems of quality and hygiene of ewes and goats milk and milk products;
▪ To monitor and report on national legislation related to microbiological issues.

The Standing Committee has, on behalf of IDF, the main responsibility for adequate monitoring the work of the CCFH and the CCFICS and for providing advice on any implications for the work of other IDF Standing Committees.

Priority items for 2012/2013

▪ Surveillance of relevant information and reporting of emerging hazards associated with milk and milk products, and subsequent publications
▪ Design of microbiological control systems in dairy production
▪ Fact sheets
Work programme

Protocol for measurement of heat resistance in bacteria

**Purpose**
Establishment of harmonized protocol of heat resistance measurement at the laboratory level and validation at the pilot-plant or industrial scale level, especially when international attention can be focused on potentially emerging hazards such as MAP. It will also enable IDF to establishing guidance in this field.

**Responsible**
R Condron (AU) - Action Team leader, M Griffiths (CA), V Juneja (US), E S Komorowski (GB), N Kumar (IN), B Lombard (FR), R K Malik (IN), P McClure (GB), R Rademaker (NL), J Shepherd (NZ)

**Result**
Publication in the Bulletin of IDF

**Target date**
2012

**Approval category**
(c) Standing Committee on Microbiological Hygiene

**Status**
The document is close to finalization within the AT, and should be circulated to SCMH members in 2012.

Design of microbiological control systems in dairy production

**Purpose**
This work is closely related to the recently completed work on Codex Code of Hygienic Practice for Milk and Milk Products. Discussion about the implementation of the new approach in relation to Food Safety Objectives (FSO) across the whole chain indicated that it might be useful to demonstrate/showcase examples to change the costly and very prescriptive approach by some retailer organizations and traditional codes of practices. There is an opportunity to introduce the approach in stages to different parts of the chain starting with governments and moving to customer/supplier relationships. The concept involves the whole industry (including feed production) to contribute to the same FSO and involves industry responsibility rather than government to establish Performance Objectives and steps.

**Responsible**
C Heggum (DK) – Action Team leader, R Condron (AU), W El Khoury (CA), C Mc Crindle (ZA), J Motarjemi (CH), M Peterz (CH), M Sanaa (FR), D Schumacher (NZ), J Shepherd (NZ), F Tenenhaus-Aziza (FR)

**Result**
Publication of concept paper on FSOs and POs

**Target date**
To be determined

**Approval category**
(a) – IDF National Committees

**Status**
The SCMH agreed to develop a monograph, based on the presentations at the conferences on food safety, and as a follow up on the concept paper on the new metrics (Bulletin of the IDF No. 392/2004). A proposed title is “Practical application and implementation of the new metrics for microbiological risk management in the dairy food chain.” AT on to develop an outline.

Surveillance of relevant information and reporting of emerging hazards associated with milk and milk products

**Purpose**
Continuous monitoring and reporting of hazards of potential concern to the dairy sector

**Responsible**
R Byrne (US) – Action Team leader, R Condron (AU), E Komorowski (GB), J Seifert (IDF), M Tucci (IDF), J Vignal (CH).

**Result**
Reports to the Standing Committee and National Committees
Hygiene and safety

Target date
Continuous

Approval category
(a) – IDF National Committees (in case of planned submission or publication)

Status
The Action Team is monitoring on-going developments in relation to 
*M. avium spp paratuberculosis* (MAP), Listeria and *E. sakazakii* and will advise SCMH in case action needs to be taken.

Microbiological criteria for foods

<table>
<thead>
<tr>
<th>Purpose</th>
<th>Provision of input to the up-coming Codex CCFH Revision of the Codex Principles for the Establishment and Application of Microbiological Criteria for Foods (CAC/GL 21-1997).</th>
</tr>
</thead>
<tbody>
<tr>
<td>Responsible</td>
<td>C Heggum (DK) - Action Team Leader, F Bourdichon (CH), E Buys (ZA), N Delfaut (FR), M Mühlemann (CH), F Tenenhaus-Aziza (FR), KF Eckner (NO), R Crawford (NZ), H Kamikado (JP)</td>
</tr>
<tr>
<td>Result</td>
<td>IDF Input to the CCFH work on Microbiological Criteria for Foods</td>
</tr>
<tr>
<td>Target date</td>
<td>Depending on progress in Codex</td>
</tr>
<tr>
<td>Approval category</td>
<td>a) National Committees</td>
</tr>
<tr>
<td>Status</td>
<td>Input has been provided at a physical CCFH working group on Microbiological Criteria for Foods in July 2012. A CCFH document is now circulating for comments. If any SCMH comments shall be finalized at their next meeting in Cape Town.</td>
</tr>
</tbody>
</table>

Significance of Shiga-toxigenic E coli in dairy production

| Purpose | Shiga-toxin producing E.coli (STEC) O157:H7 has been identified as an emerging pathogenic bacterium in different foods of animal origin. IDF has already published a review on “E. coli O157:H7: Aspects of concern to the dairy industry” in Bulletin of the IDF 357, in 2000. Other non-O157 STEC have also been identified. The objective is to update the knowledge on STEC as regards the contamination and evolution of STEC in dairy products, the ongoing debate on the definition of pathogenic strains, the public health significance of the presence of different serotypes of STEC in dairy products and the available analytical methods and control measures. |
| Responsible | C Farrokh (FR) – AT leader, E Buys (ZA), O Cerf (FR), R Condron AU), P Franken (NL), K Glass (US), A Govaars (GR), C Heggum (DK), M Heyndrickx (BE), J Hummerjohann (CH), K Jordan (IE), D Lindsay (NZ), M Miks-Krajnik (PL), H Oppegaard (NO) |
| Result | Article in peer reviewed journal |
| Target date | End 2012 |
| Approval category | a) National Committees |
| Status | The paper has been approved by IDF NCS, and has been accepted for publication in the IJFM. Publication is expected by end of August/September. |

Safety of the Lactoperoxidase system for the preservation of raw milk used for dairy products intended for international trade

| Purpose | Develop a technical paper explaining what the lactoperoxidase system is, and how the various issues involved with its use can be managed in the food chain. That paper might be used later to approach Codex in case of a revision, and used to produce a fact sheet for IDF website. |
Hygiene and safety

Responsible: R Byrne (US) - C Mc Crindle (ZA), R Condron (AU), S Dabirian (IR), C Heggum (DK), K Jordan (IE).

Result: Technical paper, Possible input to Codex

Target date: Depending on progress in Codex

Approval category: (b) - Science and Programme Coordination Committee

Status: The AT has developed a fact sheet assembling the information.

Communication – Provision of fact sheets

Purpose: SPCC requested each Standing Committee to prepare 2 or 3 fact sheets on topical items of interest to the public to be posted on the IDF website.

Responsible:
- a. E Komorowski (GB), R Condron (AU)
- b. A Sayler (US), C Heggum (DK)

Result: Fact sheets for the IDF website

Target date: End 2011

Approval category: b) Science and Programme Coordination Committee

Status: The SCMH had a brainstorm session and decided to produce fact sheets on the two following item in priority:
1. Why are dairy products safe?
2. Use of testing for verification of hygiene control systems

The first fact sheet on shelf life is available on the IDF intranet, and IDF website. The two fact sheets above are under development. Other communications items (Lactoperoxidase and new metrics) are being part of work items in progress.

Inventory of national legislation related to microbiological food safety

Purpose: Monitor and report on national legislation related to microbiological food safety

Responsible: SCMH

Result: Reports to the Standing Committee

Target date: Continuous

Approval category: c) SCMH

Status: To be added to SCMH agenda as a standing item. This item is likely to be taken over by a NWI from SCSID for an inventory of references of legislation (identity, additives, hygiene). Therefore this item is on hold until further progress is made under SCSID.

Work under consideration

Inventory of Microorganisms with a Documented History of Use in Food

Purpose: Provide a continuous update the inventory, e.g. through a website or any relevant electronic support.

Responsible: F Bourdichon (CH), members of the former TF

Result: Update of the Bulletin of IDF n°455/2012 if necessary

Target date: Continuous

Approval category: c) SCMH
Status

Bulletin of the IDF n°455/2012 about to be published. The paper prepared by the TF, ‘Food Fermentations: Microorganisms with Technological Beneficial Use’ has been published in the International Journal of Food Microbiology (IJFM). The paper is an update of IDF Bulletin publication of 2002, and aims to be a detailed inventory of species used in fermented foods to facilitate international trade.

The Task Force has prepared an extended IDF Bulletin about to be published. The IDF Bulletin would contain a practical guide for industry how to use the updated Inventory of microorganisms. The inventory will never be complete as it is a continuous work. Therefore the publication needs a more frequent update.

Liaisons with other IDF bodies

<table>
<thead>
<tr>
<th>IDF body</th>
<th>Responsible experts</th>
</tr>
</thead>
<tbody>
<tr>
<td>SC Animal Health</td>
<td>J Vignal (CH)</td>
</tr>
<tr>
<td>SC Farm Management</td>
<td>C Heggum (DK)</td>
</tr>
<tr>
<td>SC Dairy Science and Technology</td>
<td>IDF Head Office</td>
</tr>
<tr>
<td>SC Analytical Methods for Dairy Microorganisms</td>
<td>IDF Head Office</td>
</tr>
<tr>
<td>SC Harmonization of Microbiological Methods</td>
<td>IDF Head Office</td>
</tr>
<tr>
<td>SC Residues and Chemical Contaminants</td>
<td>R Byrne (US)</td>
</tr>
<tr>
<td>Task Force on Animal feeding</td>
<td>F Tenenhaus-Aziza (FR)</td>
</tr>
</tbody>
</table>

Liaisons with other international organizations

World Health Organization (WHO)
Food and Agriculture Organization of the United Nations (FAO)
Codex Committee on Food Hygiene (CCFH)
Codex Committee on General Principles (CCGP)
Codex Committee on Food Inspection and Certification Systems (CCFICS)
Standing Committee on Residues and Chemical Contaminants

Chair  
Koenraad Duhem (FR) since 17 September 2009

Deputy Chair  
Marcelo Bonnet (BR) since October 2011

IDF Head Office  
Aurélie Dubois

Objectives

- To identify those residue and chemical contaminant issues that are, or have the potential to be, important to a major part of the world dairy industry;
- To provide whenever possible technical data and expertise on issues considered;
- To develop proposals for the management that could include such things as control, communication, monitoring, legislation of those issues, based on a hazard analysis approach:
  - What’s the hazard? What’s the risk? How do we control it? How do we verify control?
  - Public health, frequency of occurrence, commercial risk (includes reputation/public perception);
- To assist Codex to adopt technically correct and feasible Codex standards, codes and guidelines on residues and chemical contaminants;
- To advise the dairy sector about the implications, control or elimination, of residues and chemical contaminants.

Priority items for 2012/2013 (To be reconfirmed)

- To develop new strategy
- Monitoring and input to new Codex ad hoc Intergovernmental Task Force on Animal Feeding
- Proposal for Codex Guidelines for managing Food Emergency Situations in relation to International Trade

Work programme

**Contaminants questions from CCCF, CCRVDF and CCPR**

<table>
<thead>
<tr>
<th>Purpose</th>
<th>Monitor the discussions in CCCF, CCMMP, CCPR and CCRVDF, advise the Standing Committee on Residues and chemical contaminants on matters of relevance and draft IDF input as requested or needed</th>
</tr>
</thead>
<tbody>
<tr>
<td>Responsible</td>
<td>CCCF - K Duhem, CCPR – IDF Head Office, CCRVDF – J Jonkers (US)</td>
</tr>
<tr>
<td>Result</td>
<td>Monitoring in a continuous way, prepare IDF draft submissions to Codex as requested or needed, collect data on contaminants of concern</td>
</tr>
<tr>
<td>Target date</td>
<td>Continuous</td>
</tr>
<tr>
<td>Approval category</td>
<td>(a) – IDF National Committees</td>
</tr>
<tr>
<td>Status</td>
<td>The IDF Observers report to CCCF has been circulated. Main item of interest is the establishment of maximum levels for melamine in Liquid infant foods and other foods. IDF is also monitoring CCRVDF work.</td>
</tr>
</tbody>
</table>
### Prudent use of veterinary drugs in the dairy chain

**Purpose**
To coordinate approach within IDF to the issue of antimicrobial resistance, to consider the risk management and control of veterinary drugs, taking a whole chain approach. Herd health measures, breeding for resistance, etc all need to be considered, not just antibiotic use. Currently, this issue is covered in part by Codex (Antimicrobial Resistance work, Guide for Regulatory Programs, Animal Feeds) and OIE (Guidelines on Prudent Use of Antimicrobial Agents).

**Responsible**
H Dornom (AU) — Action Team leader, R Byrne (US), M Danielsen (DK), JM Diserens (CH), E Erlacher-Vindel (OIE), V Gaudin (FR), R Hall (NZ), T Honkanen-Buzalski (FI), K Knappstein (DE), V Myllys (FI), W Reybroeck (BE), W Shaeren (CH), J Tsaknis (GR), H van den Bijgaart (NL), L Verzegnassi (CH), J Vignal (CH).

**Result**
Prudent Use Guide to Integrated Control of Veterinary Drugs in the Dairy Chain

**Target date**
End 2012

**Approval category**
(a) – IDF National Committees

**Status**
Final draft is expected from AT leader, together with inclusion of a section from SCAMAC and shall be circulated to SCRCC and SCAMAC members for final comments, before IDF NCs approval.

### Development of a risk profiling form

**Purpose**
Develop the priorities for the SCRCC in order to have a proactive programme of work.

**Responsible**
K Duhem (FR) — AT leader, M Bonnet (BR), H Dornom (AU), L Feijo (BR), C McCrindle (ZA), B Salter (US), M Sanaa (FR), F Tenenhaus-Aziza (FR)

**Result**
Identified priorities for SCRCC

**Target date**
2013

**Approval category**
(c) - SCRCC

**Status**
The SCRCC should use a risk profiling/ integrated chain management approach in the next years to define the key issues that the SC should deal with (identification of risks where there is little or no data, of risks of fortification with vitamins or other products to milk, definition of risk). A survey to IDF National committees and SCRCC members and other relevant IDF group has been sent out to identify and prioritize existing and emerging risks linked to contaminants and feed with relevance to the dairy chain.

### Monitoring and input to the Codex Task Force on Animal Feeding

**Purpose**
IDF monitoring and input to Codex discussion on new Codex work related to food safety aspects of animal feeding and in particular development of new Codex guidelines for governments on the application of risk assessment methodologies to the various types of hazards related to contaminants/residues in feed ingredients and relating to the development of a prioritized list of hazards in feed and feed ingredients. The work is being conducted in close liaison with SC Microbiological Hygiene and TF Animal Feeding.

**Responsible**
K Duhem (FR) — AT leader, M Bobkov (CH), M Bonnet (BR), J Jonker (US), J Seifert (IDF)
Hygiene and safety

Result
New Codex guidelines

Target date
Continuous, depending on Codex progress

Approval category
(a) – IDF National Committees

Status
The TF advanced the proposed Codex draft Guidelines on Application of Risk Assessment for Feed for CAC adoption at Step 5. The Guidelines address only hazards in animal feed that enter the food chain via dietary exposure of food-producing animals and transfer into their edible products. The Task Force agreed to return the renamed proposed draft “Guidance for use by governments in prioritizing the national feed hazards” to Step 2 for redrafting by an electronic working group (eWG), for circulation for comments at Step 3 and further consideration at its next session. IDF will participate with the eWG.

Communication – Fact sheets

Purpose
SPCC requested each SC to prepare 2 or 3 fact sheets on topical items of interest to the public to be posted on the IDF website.

Responsible
K Duhem (FR), H Dornom – AT leaders

Result
Fact sheets

Target date
2013

Approval category
(a) Science and Programme Coordination Committee

Status
The SCRCC members agreed to develop fact sheets for the public on Mycotoxins (HD), Dioxins (KD), Antibiotics (HD), The first two have been endorsed by the SCRCC members.

Proposal for Codex Guidelines for managing food emergency situations in relation to international trade

Purpose
To facilitate the establishment of Codex guidelines to governments and feed-food manufacturers on the procedure to follow in food emergency situations and in particular on how to evaluate potential health effects in a science-based manner, either through a revision of existing Codex Principles and Guidelines for the Exchange of Information in Food Safety Emergency Situations (CAC/GL 19-1995), developed by CCFICS, or through establishment of supplementary Codex guidelines.

Responsible
A Shafii (CH), J Vignal (CH) – AT leaders, S Bakshi (IN), H Dornom (AU), C Farrokh (FR), T Geslain (FR), C Heggum (DK), M Muehlemann (CH), VS Rao (IN).

Result
IDF draft Codex project document (using the standardized template) – Approval of Codex to initiate the work – completion of the Codex guidelines by CCFICS

Target date
Approval of Codex to initiate the work : CCFICS, 17-21 November 2012 and CAC June/July 2013
Completion of the Codex guidelines by CCFICS (t.b.d. by CCFICS/CAC when approving the new work)

Approval category
(a) – IDF National Committees
Status

At the CCFICS session, the project proposal document proposal was introduced by the IDF Observer. The need for coordination in the management of international food safety emergencies was put forward and supported by several countries and NGOs. The Committee noted that the discussion paper identified gaps in Codex texts and agreed that the USA will prepare a discussion paper for its next session on (a) the roles and responsibilities of the various parties stakeholders in food safety emergency situations, (b) the processes involved in responding to a food safety emergency situations and (c) communications associated with food safety emergency situations. The USA delegation is willing to work with IDF experts in this respect.

IDF Action Team has given input to the USA for the preparation of the Discussion Paper for the next CCFH session.

SCRCC contribution to food safety conference at WDS 2012 South Africa

<table>
<thead>
<tr>
<th>Purpose</th>
<th>Propose input for the food safety conference at WDS 2012 ZA</th>
</tr>
</thead>
<tbody>
<tr>
<td>Responsible</td>
<td>H Dornom (AU) – AT leader, M Bonnet (BR), R Condron (AU), K Duhem (FR), E Erlacher-Vindel (OIE), R Hall (NZ), J Shepherd (NZ)</td>
</tr>
<tr>
<td>Result</td>
<td>Proposed programme for the conference</td>
</tr>
<tr>
<td>Target date</td>
<td>November 2012</td>
</tr>
<tr>
<td>Approval category</td>
<td>(b) Standing Committee on Residues and Chemical Contaminants</td>
</tr>
<tr>
<td>Status</td>
<td>The conference organizers are in contact with the members of the Action Team.</td>
</tr>
</tbody>
</table>

Liaisons with other IDF bodies

<table>
<thead>
<tr>
<th>IDF body</th>
<th>Responsible experts</th>
</tr>
</thead>
<tbody>
<tr>
<td>SC Analytical Methods for Additives and Contaminants</td>
<td>H van den Bijgaart (NL)</td>
</tr>
<tr>
<td>SC Animal Health</td>
<td>IDF Head Office</td>
</tr>
<tr>
<td>SC Environment</td>
<td>IDF Head Office</td>
</tr>
<tr>
<td>SC Microbiological Hygiene</td>
<td>IDF Head Office</td>
</tr>
</tbody>
</table>

Liaisons with other international organizations

Liaisons ensured by IDF Head Office:
- Codex Committee on Contaminants in Foods (CCCF)
- Codex Committee on Residues of Veterinary Drugs in Foods (CCRVDF)
- Codex Committee on Pesticide Residues (CCPR)
WORKING AREA OF METHODS OF ANALYSIS AND SAMPLING

Standing Committee on Analytical Methods for Additives and Contaminants

Chair
Christian Baumgartner (DE) since 21 May 2010

Deputy Chair
Jean-Marc Diserens (CH) since 21 May 2010

IDF Head Office
Aurélie Dubois

Objectives

With the object of preparing and promoting standardized methods of analysis for the use of the dairy sector and others:

To consider:

- Elaboration of analytical standards for the detection of veterinary medicinal drug residues and pesticides (insecticides, fungicides and herbicides) in milk and milk products. Collaborative studies and in-house studies on existing and new methods for defining the precision of methods (r and R);
- Standardization of a method or methods for the determination of aflatoxin M₁ and other mycotoxins in milk and milk products and collaborative studies and in-house studies on existing and new methods for defining the precision of methods (r and R);
- Standardization of methods of analysis for food additives in milk products;
- To study the possibilities for a suitable routine determination of vitamins A and D in milk products and develop a method for the establishment of the strength of synthetic vitamin A and synthetic vitamin D standards of different manufacturers for the routine determinations;
- Description, evaluation and standardization of microbial inhibitor and preliminary confirmation tests for the detection of antimicrobials in milk and milk products and the development of detection concepts, integrated detection systems, based on the methods and residues found in the various countries;
- To establish IDF policy with respect to Codex Committee on Residues of Veterinary Drugs in Foods (CCRVDF), in cooperation with the Standing Committee on additives and risk management of residues and chemical contaminants, and Codex Committee on Methods of Analysis in Sampling (CCMAS);
- Standardization of methods for determination of nitrate, nitrite, phosphorus and chloride in cheese and other dairy products;
- Standardization of analytical methods for elements with the exception of N, P, (PO₄)₃, polyphosphates, anions Cl and NO₃ and radionuclides;
- Collection of information on the determination of elements in addition to those cited above and collecting analytical information on normal trace element content in milk and milk products as well as an observed higher level (from contamination) and related problems and strategies to avoid them in cooperation with the Standing Committees on Residues and chemical contaminants, Environment, Farm management;
- Review and discussion of International Standards among the members of the Joint Committee (IDF and ISO) for the purposes of harmonization;
- Monitor and work with other International organizations and advise the Methods Standards Steering Group on any implications related to analytical methods for additives and contaminants;
- Maintaining contact with other Standing Committees in addition to those cited above, notably Quality assurance, statistics of analytical data and sampling, on the implications of their findings for the methods of analysis.
Methods of Analysis and Sampling

Work programme

**Detection of inhibitors/antibiotic residues in milk (milk products, whey, condensed milk, etc) by screening methods**

**Purpose**
Provision of a compilation that would facilitate the work of the analysts in the field of antibiotic residues by presenting all available tools in one document

**Responsible**
JM Diserens (CH) – Project leader, A Adriany (DE), A Aktipis (GR), C Baumgartner (DE), E Brenne (NO), P Broutin (FR), J Chochilowska-Choluj (PL), F Costa (BR), E Dominguez (ES), AM Ferrini (PT), S Hennart (NL), Jamieson (NZ), K Kraehenbuelh (DE), B Kreis (DE), M Michell (CA), A Ordoñez (MX), MG Pikkemaat (NL), W Reybroeck (BE), B Salter (US), G Scott (NZ), L Urbsiene (LT), H van den Bijgaart (NL).

**Result**
Publication in Bulletin of IDF

**Target date**
May 2013

**Approval category**
(a) – IDF National Committees

**Status**
The final goal is a publication in the IDF Bulletin, but a part of it could be published in a peer reviewed journal. If so, the IDF Head Office shall be contacted to coordinate communication with journal(s) proposed.

The main task is to create a matrix of products and validated protocols/available procedures.

**Cheese – Determination of lysozyme**

**Purpose**
To provide an up-to-date standard method with known precision for use by the dairy sector and others

**Responsible**
L Pellegrino (IT)/T Berger (CH) – Project leaders

**Result**
International Standard (revision of ISO/TS 27105|IDF/RM 216 to ISO 27105|IDF216)

**Target date**
May 2013

**Approval category**
(a) – IDF National Committees & ISO/TC34/SC5 Member Bodies

**Status**
The working draft is being revised following the results of the collaborative study and the latest meeting of the PG. An ISO NWI will then be launched. The report of the collaborative study shall be published in the IDF Bulletin.

**Milk, milk products and infant formulae — Guideline for the quantitative determination of melamine and cyanuric acid by LC-MS/MS**

**Purpose**
To provide an up-to-date standard method for melamine and cyanuric acid for use by the dairy sector and others

**Responsible**
S Holroyd (NZ) – Project leader. J Ahn (KR), M Amjadi Gopayegani (IR), D Bisgard Oldrup (DK), P Broutin (FR), R Crawford (NZ), P Dardenne (BE), F Dehareng (BE), T Delatour (CH), G Dimartino (US), JM Diserens (CH), A Dubois (BE), A Dubois (IDF), J Evers (NZ), E Garry (US), P Gros (FR), S Kold-Christensen (DK), R Kouaouci (CA), B Magaletta (US), V Manti-van Klinken (NL), J Moran (US), J Park (KR), VS Rao (IN), J Romero (US), B Salter (US), P Sauvé (CA), G Scott (NZ), P Steketee (NL), H Tober (DE), H van den Bijgaart (NL), Ton Gerssen (ISO), M Yu (NC).

**Result**
IDF – ISO International Standard

**Target date**
May 2013

**Approval category**
(a) – IDF National Committees & ISO/TC34/SC5 Member Bodies
Methods of Analysis and Sampling

Status
The IDF Reviewed Method/ISO Technical Specification has been published. Its validation into an International Standard and the funding of this validation are now being investigated. In particular, a horizontal method is being developed by the European Standardization Committee (CEN), and IDF/ISO experts will evaluate whether this method and its validation on dairy products are acceptable.

Milk – Detection limits of screening methods and MRL’s confirmatory analysis and penalties for antibiotic residues

<table>
<thead>
<tr>
<th>Purpose</th>
<th>To clarify the purpose(s) of testing, the types of tests or methods available, how they can be used to serve a strategy for the detection of antibiotic residues in milk, and update the IDF integrated detection system proposed by Prof. W. Heeschen and Dr. G. Suhren in 1995, in collaboration with SCRCC.</th>
</tr>
</thead>
<tbody>
<tr>
<td>Responsible</td>
<td>JM Diserens (CH)/ A Pecou (FR) – Project leaders, A Ansgar (DE), I Andersson (SE), C Baumgartner (DE), S Berman (IL), I Berruga Fernandez (ES), M Brito (BR), P Broutin (FR), R Condron (AU), E Daeseleire (BE), AM Ferrini (IT), J Floor (ZA), P Gatti (AR), V Gaudin (FR), K Heller (DE), S Hennart (NL), P Jamieson (NZ), B Knewon (CA), J Kerkhof (NL), K. Kraehenbuehl (CH), B Kreis (DE), M Mitchell (CA), A Molina (ES), P Molina (ES), C Olieman (NL), A Ordoñez (MX), G Panta (US), M Pedersen (DK), MG Pikkemaat (NL), V Rao (IN), W Reybroeck (BE), T Rumney (NZ), B Salter (US), S Savickis (LT), G Scott (NZ), G Triantafillidis (GR), L Urbienie (LT), H van den Bijgaart (NL), E Verdon (FR).</td>
</tr>
<tr>
<td>Result</td>
<td>IDF Bulletin</td>
</tr>
<tr>
<td>Target date</td>
<td>2013</td>
</tr>
<tr>
<td>Approval category</td>
<td>(a) – IDF National Committees</td>
</tr>
<tr>
<td>Status</td>
<td>PG members have been surveyed and 5 key levels for testing have been defined. A first draft of the matrix was elaborated. The PG will continue working on a second draft for end of 2012.</td>
</tr>
</tbody>
</table>

Guidelines for the validation of screening methods for residues of veterinary medicines

<table>
<thead>
<tr>
<th>Purpose</th>
<th>The project proposes the acceptance and adaptation of the “Guideline for validation of screening methods” (CRL document, January 2010) into an ISO/IDF document which can be applied by all stakeholders in the dairy chain involved with detection of antibiotic residues.</th>
</tr>
</thead>
<tbody>
<tr>
<td>Responsible</td>
<td>V Gaudin (FR), W Reybroeck (BE) – Project leaders; JM Diserens (CH)</td>
</tr>
<tr>
<td>Expected final result</td>
<td>IDF/ISO International Standard</td>
</tr>
<tr>
<td>Target date</td>
<td>2013</td>
</tr>
<tr>
<td>Approval category</td>
<td>(a) – IDF NCs and ISO Mbs</td>
</tr>
<tr>
<td>Status</td>
<td>The aim of the work is to provide a tool for validation of screening methods as an IDF/ISO international standard. When a first working draft is available, the ISO NWI proposal procedure will start.</td>
</tr>
</tbody>
</table>

Work items under consideration

Determination of vitamin K2

<table>
<thead>
<tr>
<th>Purpose</th>
<th>To provide a standard method, based on criteria approach, for the determination of vitamin K2 for use by the dairy sector and others.</th>
</tr>
</thead>
<tbody>
<tr>
<td>Responsible</td>
<td>K Olieman (NL)</td>
</tr>
<tr>
<td>Expected final result</td>
<td>International Standard</td>
</tr>
<tr>
<td>Target date</td>
<td>TBD</td>
</tr>
</tbody>
</table>
Methods of Analysis and Sampling

Approval category  (a) – IDF NCs and ISO Mbs
Status  Since the item is following a request from the SCNH, the PL is working on a proposal for consideration by SCNH experts.

**Determination of aflatoxin M1 – Update of existing methods**

**Purpose**  To provide a standard method, for the determination of aflatoxin M1 for use by the dairy sector and others.

**Responsible**  M Nicolas (FR)

**Expected final result**  IDF/ISO International Standard (s)

**Target date**  TBD

**Approval category**  (a) – IDF NCs and ISO Mbs

**Status**  The SCAMAC meeting agreed that the existing standards for aflatoxin M1 were outdated and needed to be revised. PL to prepare a NWI proposal.

**Determination of nitrate and nitrite in milk and milk products**

**Purpose**  Review existing methods, and if needed provide an up-to-date standard method use by the dairy sector and others.

**Responsible**  K Olieman (NL), R Johnson (NZ)

**Expected final result**  IDF/ISO International Standard (s)

**Target date**  TBD

**Approval category**  (a) – IDF NCs and ISO Mbs

**Status**  Following a request from the CEN/TC 302, a PG will look into existing standards, and consider the development of a new one if needed.


**Purpose**  Review existing method, and if needed provide an up-to-date standard method use by the dairy sector and others.

**Responsible**  S Holroyd/H van den Bijgaart (NL)

**Expected final result**  IDF/ISO International Standard

**Target date**  TBD

**Approval category**  (a) – IDF NCs and ISO Mbs

**Status**  The standard has been confirmed with the recent ISO review. However it was proposed to revise the method and replace the use capillary gas chromatography with mass spectrometric detection for a more specific detection. PL to prepare a NWI proposal.

**Liaisons with other IDF bodies**

<table>
<thead>
<tr>
<th>IDF body</th>
<th>Responsible experts</th>
</tr>
</thead>
<tbody>
<tr>
<td>SC Food Additives</td>
<td>IDF Head Office</td>
</tr>
<tr>
<td>SC Residues and Chemical Contaminants</td>
<td>H van den Bijgaart (NL)</td>
</tr>
</tbody>
</table>

**Liaisons with other international organizations**

*Organizations invited to nominate members*

ISO/TC34/SC5 Milk and milk products
NMKL

*Liaison ensured via IDF Head Office*

Codex Committee on Methods of Analysis in Sampling (CCMAS)
Codex Committee on Food Additives (CCFA)
Codex Committee on Contaminants in Foods (CCCF)
Standing Committee on Analytical Methods for Composition

Chair
Steve Holroyd (NZ) since 26 May 2011
Deputy Chair
Philippe Trossat (FR) since 26 May 2011
IDF Head Office
Aurélie Dubois

Objectives

With the object of preparing and promoting standardized methods of analysis for the use of dairy sector and others:
To consider:
  ▪ Development and standardization of methods relating to the analysis of fats and fat compounds in milk and milk products;
  ▪ Development and standardization of methods relating to the analysis of fats and fat compounds in milk and milk products;
  ▪ Development and standardization of methods related to the analysis of proteins and nitrogen compounds in milk and milk products
  ▪ Development of a method suitable for approval as an international standard for the determination of soya protein in milk products;
  ▪ Development and standardization of methods related to the carbohydrates in milk and milk products
  ▪ Development and standardization of methods related to minor compounds
  ▪ To produce a report on certain other non-milk proteins which it should be possible to determine in milk products and on which methods could be suitable;
  ▪ Standardization of methods for determination of water content, moisture content or total solids by classical physical or chemical means;
  ▪ Review and discussion of International Standards among the members of the Joint Committee (IDF and ISO) for the purposes of harmonization;
  ▪ Work on any subjects related to the above mentioned methods
  ▪ Monitor and work with other International organizations and advise the Methods Standards Steering Group on any implications related to analysis of the main components in milk;
  ▪ Maintaining contact with other Standing Committees, for example, Analytical methods for additives and contaminants, Analytical Methods for Processing aids and indicators, Statistics and Automation and others the implications of their findings for the methods of analysis for the components in milk.

Work programme

Milk and milk products – Determination of nitrogen content – Part 1 & 2 (Kjeldahl Method)

<table>
<thead>
<tr>
<th>Purpose</th>
<th>Revision of existing standard by broadening its scope for other milks and milk products to provide a standard method of known precision for use by the dairy sector and others</th>
</tr>
</thead>
<tbody>
<tr>
<td>Responsible</td>
<td>J Romero (US), R Johnson (NZ) – Project Leaders, F Dehareng (BE), J Eversn (NZ), M Fabro (AR), H Frister (DE), M Gips (IL), T Titvanen (FI), P Tarantili (GR), D Triantafillidou (GR), P Trossat (FR).</td>
</tr>
<tr>
<td>Result</td>
<td>ISO–IDF International Standard, (revision of ISO 8968-1/2</td>
</tr>
<tr>
<td>Approval category</td>
<td>(a) – IDF National Committees &amp; ISO/TC 34/SC 5 Member Bodies</td>
</tr>
<tr>
<td>Target date</td>
<td>2014</td>
</tr>
<tr>
<td>Status</td>
<td>Project group comments will be integrated in the revised draft which will then be submitted for DIS voting. Publication of the collaborative study in the bulletin in preparation.</td>
</tr>
</tbody>
</table>
Cheese – Determination of nitrogen fraction

**Purpose**
Provision of a standard method of known precision by the dairy sector and others

**Responsible**
P Trossat (FR) – Project Leader, J Evers (NZ), M Fabro (AR), M Pabst (DE)

**Result**
ISO – IDF International Standard (ISO 27871 | IDF 224)

**Target date**
End 2012

**Approval category**
(a) – National Committees & ISO/TC 34/SC 5 Member Bodies

**Status**
Standard published. Collaborative study report is expected and will be published in IDF bulletin.

Method with multi elements with graphite furnace AAS, ICP-AES and ICP-MS. Part 1: Determination of CA-Mg-Ma-K-P using ICP-OES; Part 2: Determination of other elements using ICP-MS-AAS.

**Purpose**
Provision of a standard method of known precision or guideline for use by the dairy sector and others

**Responsible**
H Cruijsen (NL) – Project leader, F Braun (DE), R Johnson (NZ), M Mirat Temes (ES), L Noel (FR), C Olieman (NL), T Ritvanen (FI), P Steketee (NL), P Trossat (FR)

**Result**
IDF-ISO International Standard – ISO 15151 | IDF 229

**Target date**
2012

**Approval category**
(a) - IDF National Committees & ISO/TC34/SCS Member Bodies

**Status**
Part 1 is cancelled in ISO due to non-progress, but continues in IDF. Next step: PL continues efforts to organize collaborative study CS, if not successful: then the project shall be progressed as Technical Specification. The project needs then to restart as NWIP in ISO.

Milk products – Direct determination of labelled fatty acids in milk products and infant formulae

**Purpose**
Provision of a standard method of known precision by the dairy sector and others

**Responsible**
PA Golay (CH) – Project Leader, J Aerts (BE), S Berman (IL), F Dehareng (BE), J Evers (NZ), J Fontecha (ES), P Gatti (AR), S Holroyd (NZ), A McGibbon (NZ), J Molkentin (DE), C Olieman (NL), M Povolo (IT), P Power (IE), T Ritvanen (FI), P Trossat (FR), S van Ruth (NL), C Wiedemann (DE).

**Result**
ISO – IDF International Standard – ISO nr | IDF nr

**Target date**
2013

**Approval category**
(a) – IDF National Committees & ISO/TC34/SCS Member Bodies

**Status**
NWI accepted by both IDF and ISO. Discussion of potential for combining this activity with parallel AOAC activity and thus creating a single standard. The SC agreed that the study would be coordinated with AOAC activity in this area and extended to encapsulated products but not cheese and butter at this stage.)
The following steps are:
- Test of this method on SPIFAN selected products
- Preparation of the Collaborative Study.
Proposal is to include a cheese in the collaborative study considering extraction method for cheese is standardized and the GC analysis is the same for all dairy products. The CD draft must be amended (extend the scope to cheese) and the collaborative study must be organized.
Methods of Analysis and Sampling

**Determination of $\beta$-Hydroxybutyric acid (BHB) by continuous flow analyzer; Determination of acetone content by continuous flow analyzer**

<table>
<thead>
<tr>
<th>Purpose</th>
<th>Provision of a standard method of known precision by the dairy sector and others</th>
</tr>
</thead>
<tbody>
<tr>
<td>Responsible</td>
<td>R Kouaouci (CA), B Neele (NL) – Project leaders, H van den Bijgaart (NL)</td>
</tr>
<tr>
<td>Result</td>
<td>ISO-IDF International standard - (ISO nr</td>
</tr>
<tr>
<td>Target date</td>
<td>2014</td>
</tr>
<tr>
<td>Approval category</td>
<td>(a) – IDF National Committees &amp; ISO/TC34/SC 5 Members</td>
</tr>
<tr>
<td>Status</td>
<td>PL to determine level of support for progressing further (if not enough laboratories, the publication as a Technical Specification will be considered).</td>
</tr>
</tbody>
</table>


<table>
<thead>
<tr>
<th>Purpose</th>
<th>Revision of an existing standard by broadening its scope for other milks and milk products;</th>
</tr>
</thead>
<tbody>
<tr>
<td>Responsible</td>
<td>D Barbano (US)/ P Trossat (FR) – Project leaders, H Frister (DE), R Johnson (NZ), M Pabst (DE), G Scott (NZ)</td>
</tr>
<tr>
<td>Result</td>
<td>IDF</td>
</tr>
<tr>
<td>Target date</td>
<td>2013</td>
</tr>
<tr>
<td>Approval category</td>
<td>(a) – IDF National Committees &amp; ISO/TC 34/SC 5 Member Bodies</td>
</tr>
<tr>
<td>Status</td>
<td>Waiting for the Committee Draft version from the project leader. The PL will progress with organization of the collaborative study.</td>
</tr>
</tbody>
</table>


<table>
<thead>
<tr>
<th>Purpose</th>
<th>Revision of existing standard by broadening its scope for other milks and milk products to provide a standard method of known precision for use by the dairy sector and others</th>
</tr>
</thead>
<tbody>
<tr>
<td>Responsible</td>
<td>D Barbano (US)/ P Trossat (FR) – Project leaders, H Frister (DE), M Gips (IL), R Johnson (NZ), M Pabst (DE), G Scott (NZ), W Strohmar (DE), H van den Bijgaart (NL)</td>
</tr>
<tr>
<td>Result</td>
<td>ISO-IDF International standard - (ISO 17997</td>
</tr>
<tr>
<td>Target date</td>
<td>2013</td>
</tr>
<tr>
<td>Approval category</td>
<td>(a) – IDF National Committees &amp; ISO/TC 34/SC 5 Member Bodies</td>
</tr>
<tr>
<td>Status</td>
<td>Committee draft including extension of the scope to sheep and goat milk to be circulated to ISO MB and SC for comments. PL to organize collaborative study, and present results at the next IDF/ISO Analytical Week.</td>
</tr>
</tbody>
</table>

**Cream – Determination of fat content – Acido-butyrometric method (Routine Method); and laboratory glassware**

<table>
<thead>
<tr>
<th>Purpose</th>
<th>Provision of a standard method of known precision by the dairy sector and others</th>
</tr>
</thead>
<tbody>
<tr>
<td>Responsible</td>
<td>P Trossat (FR) – Project leader, S Berman (IL), M Pabst (DE), K Schäfer (DE)</td>
</tr>
<tr>
<td>Result</td>
<td>ISO-IDF International standard - (ISO nr</td>
</tr>
<tr>
<td>Target date</td>
<td>2013</td>
</tr>
<tr>
<td>Approval category</td>
<td>(a) – IDF National Committees &amp; ISO/TC34/SC 5 Members</td>
</tr>
<tr>
<td>Status</td>
<td>Scope was confirmed for fat cream content up to 40%. Next step: ISO NWI proposal.</td>
</tr>
</tbody>
</table>
Methods of Analysis and Sampling

Milk — Determination of fat content — Acido-butyrometric method (Gerber method); and laboratory glassware

<table>
<thead>
<tr>
<th>Purpose</th>
<th>Provision of a standard method of known precision by the dairy sector and others</th>
</tr>
</thead>
<tbody>
<tr>
<td>Responsible</td>
<td>P Trossat (FR) - Project leader, J Aerts (BE), S Berman (IL), M Gips (IL), M Pabst (DE), K Schäfer (DE)</td>
</tr>
<tr>
<td>Result</td>
<td>ISO-IDF International standard - (ISO nr</td>
</tr>
<tr>
<td>Target date</td>
<td>2013</td>
</tr>
<tr>
<td>Approval category</td>
<td>(a) – IDF National Committees &amp; ISO/TC34/SC 5 Members</td>
</tr>
<tr>
<td>Status</td>
<td>The scope was confirmed for cow milk only. Next step: ISO NWI and PL to prepare a paper on the aim and the technical aspect of the project for circulation to SC members.</td>
</tr>
</tbody>
</table>

Work items under consideration

Quantitative determination of individual proteins in raw milk

<table>
<thead>
<tr>
<th>Purpose</th>
<th>To determine</th>
</tr>
</thead>
<tbody>
<tr>
<td>Responsible</td>
<td>K Olieman (NL)/ T Cattaneo (IT), H Cruijsen (NL), M Fabro (AR), H Frister (DE), K Heller (DE), S Holroyd (NZ), P Lutter (CH), V Manti (NL), M Pabst (DE), R Portmann (CH), V Rivera (FR), N Rochut (FR), M Sanna (IT), P Tarantili (GR), D Triantafillidou (GR), P Trossat (FR), S van Ruth (NL).</td>
</tr>
<tr>
<td>Result</td>
<td>To determine</td>
</tr>
<tr>
<td>Target date</td>
<td>To determine</td>
</tr>
<tr>
<td>Approval category</td>
<td>(a) – IDF National Committees &amp; ISO/TC 34/SC 5 Member Bodies</td>
</tr>
<tr>
<td>Status</td>
<td>Work item to remain under consideration. Direction taken by the group is work in two steps: 1- to define the characterization of protein standard material to calibrate chromatographic methods, 2- to work out a chromatographic method suitable for major individual proteins. PL to report back on progress on current study on analysis of protein in protein standards at AW 2012.</td>
</tr>
</tbody>
</table>

Extension of the scope of ISO 17768 | IDF 202 – determination of milk fat purity

<table>
<thead>
<tr>
<th>Purpose</th>
<th>Revision of existing standard to extend its scope to buffalo milk</th>
</tr>
</thead>
<tbody>
<tr>
<td>Responsible</td>
<td>J Molkentin (DE), PA Golay (CH) – Project leaders, M Pabst (DE)</td>
</tr>
<tr>
<td>Result</td>
<td>ISO-IDF International standard - (ISO 17768</td>
</tr>
<tr>
<td>Target date</td>
<td>TBD after investigation</td>
</tr>
<tr>
<td>Approval category</td>
<td>(a) – IDF National Committees &amp; ISO/TC34/SC 5 Members</td>
</tr>
<tr>
<td>Status</td>
<td>The method cannot be applied to Asian milk (China, Pakistan and India) in relation with fatty composition (feeding). The Survey on composition of Asian milks will be published in JDS in August 2012. The standard must be revised by proposing a NWI in autumn 2012). This revision will exclude from the scope Asian milks and extreme feedings.</td>
</tr>
</tbody>
</table>

Sweetened condensed milk – Determination of sucrose content – HPLC method

<table>
<thead>
<tr>
<th>Purpose</th>
<th>Revision of existing standard to provide a standard method of known precision for use by the dairy sector and others</th>
</tr>
</thead>
<tbody>
<tr>
<td>Responsible</td>
<td>R. Kouaouci (CA)</td>
</tr>
<tr>
<td>Result</td>
<td>ISO-IDF International standard - (ISO nr</td>
</tr>
<tr>
<td>Target date</td>
<td>TBD after investigation</td>
</tr>
</tbody>
</table>
Approval category: (a) – IDF National Committees & ISO/TC34/SC 5 Members

Status: No progress since last report. SC discussed potential horizontal approach for a method for carbohydrates in foods. Revision of project to be discussed with PL.

**IDF 165:1993 – Butter oil – Determination of contents of antioxidants (revision)**

- **Purpose**: Revision of a standard method of known precision for use by the dairy sector and others
- **Responsible**: TBD - Project leader
- **Result**: ISO-IDF International standard (revision into joint standard)
- **Target date**: TBD
- **Approval category**: (a) – IDF National Committees & ISO/TC34/SC 5 Members Bodies
- **Status**: Since no Project leader volunteered in order to transform the standard into joint IDF/ISO standard, IDF NCs will be surveyed on the need for this standard.

**Definition of propionic acid in cheese by gas chromatography**

- **Purpose**: Provision of a standard method of known precision for use by the dairy sector and others
- **Responsible**: P Trossat (FR) - Project leader, R Badertcher (CH), G Contarini (IT), K Olieman (NL), J Romero (US)
- **Result**: ISO-IDF International standard (ISO nr | IDF nr)
- **Target date**: TBD
- **Approval category**: (a) – IDF National Committees & ISO/TC34/SC 5 Members Bodies
- **Status**: NWI proposal under consideration by IDF NCs.

**Method for the determination of milk adulteration with whey**

- **Purpose**: Provision of a standard method of known precision for use by the dairy sector and others
- **Responsible**: M Furtado (BR) - Project leader, S Holroyd (NZ), K Myburgh (ZA), K Olieman (NL)
- **Result**: ISO-IDF International standard (ISO nr | IDF nr)
- **Target date**: TBD
- **Approval category**: (a) – IDF National Committees & ISO/TC34/SC 5 Members Bodies
- **Status**: Project leader to prepare a review of existing methods.

**Revision of ISO 6091 IDF 86 Dried milk – Determination of titratable acidity and extension of its scope to raw milk**

- **Purpose**: Provision of a standard method of known precision for use by the dairy sector and others
- **Responsible**: S Holroyd (NZ)/S Orlandini (IT) - Project leaders, S Berman (IL), M Fabro (AR), J Floor (ZA), H Frister (DE), M Gips (IL), K Olieman (NL)
- **Result**: ISO-IDF International standard (ISO nr | IDF nr)
- **Target date**: TBD
- **Approval category**: (a) – IDF National Committees & ISO/TC34/SC 5 Members Bodies
- **Status**: PG to prepare a review for the next meeting.

**Dye binding methods for protein determination**

- **Purpose**: Provision of a standard method of known precision for use by the dairy sector and others
- **Responsible**: P Lutter (CH) - Project leader
- **Result**: ISO-IDF International standard (ISO nr | IDF nr)
Methods of Analysis and Sampling

**Methods of Analysis and Sampling**

**Target date**
TBD

**Approval category**
(a) – IDF National Committees & ISO/TC34/SC 5 Members Bodies

**Status**
PL to prepare a NWI proposal to be circulated to SC for comments and then to MSSG and SPCC for review.

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**Review of existing methods for the determination of fat**

**Purpose**
Provision of a standard method of known precision for use by the dairy sector and others

**Responsible**
S Orlandini (IT) / P Trossat (FR) - Project leaders

**Result**
TBD

**Target date**
TBD

**Approval category**
(a) – IDF National Committees & ISO/TC34/SC 5 Members Bodies

**Status**
PLs to provide a consolidated report and proposals to SC (with arguments pro and con) with regard to a merging of the standards.

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**Liaisons with other IDF bodies**

<table>
<thead>
<tr>
<th>IDF body</th>
<th>Responsible experts</th>
</tr>
</thead>
<tbody>
<tr>
<td>SC Analytical Methods for Additives and Contaminants</td>
<td>IDF Head Office</td>
</tr>
<tr>
<td>SC Analytical Methods for Processing aids and indicators</td>
<td>IDF Head Office</td>
</tr>
<tr>
<td>SC Analytical Methods for Dairy Microorganisms</td>
<td>IDF Head Office</td>
</tr>
<tr>
<td>SC Harmonization of Microbiological Methods</td>
<td>IDF Head Office</td>
</tr>
<tr>
<td>SC Statistics and Automation</td>
<td>IDF Head Office</td>
</tr>
</tbody>
</table>

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**Liaisons with other international organizations**

**Organizations invited to nominate members**
ISO/TC34/SC5 Milk and Milk Products
Nordic Committee on Methods of Analysis of Foods (NMKL).

**Liaison ensured via IDF Head Office**
Codex Committee on Methods of Analysis and Sampling (CCMAS)
International Committee for Animal Recording (ICAR)
Standing Committee on Analytical Methods for Dairy Microorganisms

Chair  Jérôme Combrisson (FR) since 7 June 2012
Deputy Chair Dorthea Ellekaer (DK) since 20 May 2010
IDF Head Office Aurélie Dubois

Objectives

With the object of preparing and promoting standardized methods of analysis for the use of dairy sector and others,
To consider:

- Development and standardization of methods (International Standards, Technical Specifications / Reviewed Methods, Guidelines) relating to detection and/or enumeration of beneficial microorganisms used in dairy foods (lactic acid bacteria, probiotics, starter cultures etc.)
- Development and standardization of methods relating to determination of strain identity, and identification of species
- Monitor and work with other International organizations and advise the Methods Standards Steering Group on any implications related to microbiological methods related to the committee.
- Work on any subject related to the above mentioned methods
- Maintaining contact with other Standing Committees, for example, the SC on Harmonization of microbiological methods, SC on Nutrition and Health and others, if needed, on the implications of their findings for the microbiological method(s) involved.

Work programme

Milk and milk products - Determination of probiotics. Part 1) method based on strain identity

<table>
<thead>
<tr>
<th>Purpose</th>
<th>Provision of standard methods of known precision for use as a guideline by the dairy sector and others. Part 2 is divided in another work item below.</th>
</tr>
</thead>
<tbody>
<tr>
<td>Responsible</td>
<td>K Heller (DE) – Project leader, P Aureli (IT), B Berger (CH), E Brockmann (DK), S Chartier (FR), G Franciosa (IT), P Gomal (NZ), M Gueimonde (ES), G Huys (BE), P Itsaranuwat (TH), S Nielsen (DK), A Perony (FR), R Wind (NL), N Shah (AU)</td>
</tr>
<tr>
<td>Result</td>
<td>IDF bulletin</td>
</tr>
<tr>
<td>Target date</td>
<td>2012</td>
</tr>
<tr>
<td>Approval category</td>
<td>(a) –IDF National Committees &amp; ISO/TC 34/ISO 5 Member Bodies</td>
</tr>
<tr>
<td>Status</td>
<td>The latest draft has been circulated to SC members without major comments, and will now be circulated to IDF National Committees for final approval before publication.</td>
</tr>
</tbody>
</table>

Enumeration of Lactic acid bacteria by Flow Cytometry

| Purpose | Obtain an IDF/ISO standard analytical protocol, validated for the use in enumeration of LAB in starter cultures and their applications by means of Flow Cytometry (FCM) |
| Responsible | S Casani (DK) – Project leader, P Andrew (NZ), P Broutin (FR), A Buddeniekiel (DE), S Chartier (FR), S Dabirian (IR), A Dijkstra (NL), S Flint (NZ), J Ging (FR), KF Hansen (DK), C Leon-Velarde (CA), P Ludovic (FR), A Patrick (NZ), L Ramsahoi (CA), P Rollier (FR), M Sliwinski (PL), N Terrade (FR) |
| Result | IDF - ISO International Standard |
Work items under consideration

**Needs for new techniques such as PCR methods or rapid methods**

- **Purpose**: To set
- **Responsible**: S Chartier (FR)
- **Result**: To be determined
- **Target date**: To set after approval
- **Approval category**: To be determined
- **Status**: PL to contact interested experts in order to narrow the scope of this work item.

**Detection and Enumeration of Lactobacillus paracasei**

- **Purpose**: To set
- **Responsible**: J Combrisson (FR)
- **Result**: To be determined
- **Target date**: To set after approval
- **Approval category**: To be determined
- **Status**: PL to prepare a NWI proposal together with interested experts for discussion at the next SC meeting.

Established liaisons with other IDF bodies

<table>
<thead>
<tr>
<th>IDF body</th>
<th>Responsible experts</th>
</tr>
</thead>
<tbody>
<tr>
<td>SC Harmonization of Microbiological Methods</td>
<td>H Becker (DE)</td>
</tr>
<tr>
<td>SC Microbiological Hygiene</td>
<td>IDF Head Office</td>
</tr>
<tr>
<td>SC Nutrition and Health</td>
<td>IDF Head Office</td>
</tr>
<tr>
<td>SC Statistics and Automation</td>
<td>IDF Head Office</td>
</tr>
</tbody>
</table>

Liaisons with other international organizations

- **Organizations invited to nominate members**
  - ISO/TC34/SC 5 – Milk and milk products
  - Nordic Committee on Methods of Analysis of Foods (NMKL)
  - International Life Sciences Institute (ILSI) - I Lenoir Wijnkoop (FR)

- **Liaisons ensured via IDF Head Office**
  - Codex Committee on Food Hygiene (CCFH)
  - Codex Committee on Methods of Analysis and Sampling (CCMAS)
Standing Committee on Analytical Methods for Processing Aids and Indicators

Chair: Jackie Page (US) since 8 June 2012
Deputy Chair: Charlotte Egger (CH) since 8 June 2012
IDF Head Office: Aurélie Dubois

Objectives

With the object of preparing and promoting standardized methods of analysis for the use of the dairy sector and others:

To consider:

- Development and standardization of methods of analysis relating to (i) milk clotting activity of the milk coagulating enzymes in different preparations of milk and milk products, (ii) other enzymes used in cheese making, for example lipases, and rennet;
- Standardization of methods for physical and rheological properties of dairy products;
- Standardization of methods for characterization of dried milk in relation to heat treatment and suitability for use in specific applications, as well as distinguishing heat treated milk and dairy products including raw milk;
- Subjects directly related to the above mentioned topics, including standardization of reference materials (skim milk powder, rennet powder, etc.), laboratory techniques, laboratory glassware and other equipment, automated methods, sampling and interpretation of analytical results;
- Review and discussion of international standards among the members of the Standing Committee for the purposes of harmonization;
- Monitor and work with other international organizations and advise the Methods Standards Steering Group on any implications related to methods of analysis relating to processing aids, indicators and physical properties of milk and milk products;
- Maintaining contact with other standing committees, for example, Standards of Identity, Analytical Methods for Composition, Statistics and Automation on the implications of their findings on the standardization of methods for processing aids, indicators and physical properties of milk and milk products.

Work programme


<table>
<thead>
<tr>
<th>Purpose</th>
<th>Revision of International Standard: ISO 11816-1</th>
<th>IDF 155-1:2006</th>
</tr>
</thead>
<tbody>
<tr>
<td>Responsible</td>
<td>E. Garry (US) – Project Leader, F Braun (DE), J De Block (BE), N Douglas (AU), E Langridge (UK), P Lorenzen (DE), E Moschopoulou (GR), M Nicolas (FR), J Page (US), L Pellegrino (IT), T Ritvanen (FI), R Robertson (NZ), M Sliwinski (PL), S van Ruth (NL).</td>
<td></td>
</tr>
<tr>
<td>Result</td>
<td>Revised IS: ISO 11816-1</td>
<td>IDF 155-1</td>
</tr>
<tr>
<td>Target date</td>
<td>2014</td>
<td></td>
</tr>
<tr>
<td>Approval category</td>
<td>(a) – IDF National Committees &amp; ISO/TC 34/SC 5 Members Bodies</td>
<td></td>
</tr>
<tr>
<td>Status</td>
<td>The PG and SC members reviewed the draft. Next step: DIS voting and IDF Questionnaire.</td>
<td></td>
</tr>
</tbody>
</table>
**Milk and milk products — Determination of alkaline phosphatase activity — Part 2: Fluorometric method for cheese**

**Purpose**

**Responsible**
M. Nicolas (FR) — Project Leader, F Braun (DE), J De Block (BE), N Douglas (AU), C Egger (CH), E Langridge (UK), P Lorenzen (DE), E Moschopoulou (GR), M Nicolas (FR), J Page (US), L Pellegrino (IT), T Ritvanen (FI), R Robertson (NZ), M Sliwinski (PL), S van Ruth (NL), G Ziobro (US).

**Result**
Revised IS: ISO 11816-2 | IDF 155-2

**Target date**
2014

**Approval category**
(a) — IDF National Committees & ISO/TC 34/SC 5 Members Bodies

**Status**
A pre collaborative study will be organized by PL in coordination with statistics group. The draft will be revised accordingly to the results, and only afterwards the DIS voting can be launched.

**Collection of data on alkaline phosphatase in cheese**

**Purpose**
To collect data from both pilot plants operating under well-defined conditions in regard to the heat or physical treatment of the cow milk processed to cheese, and also from cow milk cheese commercially available. The data collected will show if it is possible to establish an internationally acceptable limit for AP content in cheese made from pasteurized cow milk.

**Responsible**
M Nicolas (FR) & L Pellegrino (IT) — Project leaders, I Bae (KR), S Berman (IL), F Braun (DE), C Egger (CH), E Garry (US), S Lee (CA), E Moschopoulou (GR), T Ritvanen (FI), R Robertson (NZ), B Salter (US), S van Ruth (NL), G Ziobro (US)

**Result**
Publication in an IDF bulletin and/or other scientific review

**Target date**
2013

**Approval category**
a) National Committees

**Status**
Additional data was presented to the PG. Eventual objective is scientific publication.

**Work under consideration**

**Detection of active gamma-glutamyl transpeptidase (GGT) in milks and dairy products**

**Purpose**
To compile information

**Responsible**
G Ziobro (US) — Project leader, J De Block (BE), M Nicolas (FR), S van Ruth (NL)

**Result**
IDF/ISO International Standard

**Target date**
End 2015

**Approval category**
(a) — IDF National Committees & ISO/TC 34/SC 5 Members Bodies

**Status**
Pl. presented open method for determination of GGT and will make available to group for initial first round of comments. The NWI proposal is being considered by IDF National Committees.

**Confirmation procedure for phosphatase — microbial, reactivated and residual**

**Purpose**
To set

**Responsible**
M. Nicolas (FR)/B Salter (US) — Project leaders, J De Block (BE), D Lindsay (NZ), E Moschopoulou (GR), S van Ruth (NL)

**Result**
To be determined

**Target date**
To set after approval
Methods of Analysis and Sampling

Approval category: To be determined
Status: No progress. To be discussed at the next meeting.

Generation of bovine alkaline phosphatase reference materials
Purpose: To set
Responsible: R Salter (US) – Project leader, V Rivera (FR), M Nicolas (FR), C Egger (CH), G Ziobro (US), E Garry (US), S Orlandini (IT).
Result: To be determined
Target date: To be set after approval
Approval category: To be determined
Status: PL to prepare for discussion at the next SC meeting.

Characterize and define poor and none coagulating milk
Purpose: To set
Responsible: TBD, M Glantz (SE), K Hettinga (NL), LB Larsen (DK), H van Valenberg (NL)
Result: To be determined
Target date: To be set after approval
Approval category: To be determined
Status: PL to be identified.

Qualification of residual milk clotting enzymes in whey and cheese
Purpose: To set
Responsible: To be determined
Result: To be determined
Target date: To be set after approval
Approval category: To be determined
Status: PL to be identified.

Liaisons with other IDF bodies

<table>
<thead>
<tr>
<th>IDF body</th>
<th>Responsible experts</th>
</tr>
</thead>
<tbody>
<tr>
<td>SC Statistics and Automation</td>
<td>M Nicolas FR</td>
</tr>
<tr>
<td>SC Standards of Identity</td>
<td>IDF Head Office</td>
</tr>
<tr>
<td>SC Analytical Methods for Composition</td>
<td>J Page (US)</td>
</tr>
</tbody>
</table>

Liaisons with other international organizations

Organizations invited to nominate members
ISO/TC34/SC 5 Milk and Milk Products
Nordic Committee on Methods of Analysis of Foods (NMKL)
Liaison ensured via ISO Head Office
Codex Committee on Methods of Analysis and Sampling (CCMAS)
Standing Committee on Harmonization of Microbiological Methods

Chair: Heinz Becker (DE) since 20 May 2010
Deputy Chair: Dick van den Berg (NL) since 20 May 2010
IDF Head Office: Aurélie Dubois

Objectives

With the object of preparing and promoting standardized methods of analysis of known precision and standardized methods of sampling for use by the dairy sector and others:

To consider:

- Development of standardized methods (International Standards, Technical Specifications/Reviewed Methods, Guidelines) for the detection and/or enumeration of foodborne pathogenic microorganisms including their toxins, marker-organisms and food spoilage microorganisms as well as supporting methods like statistics, proficiency testing, quality control of culture media etc.
- When possible, development of dairy orientated methods in harmonization with ISO/TC 34/SC 9 "Microbiology of food" to integrate the dairy requirements into the horizontal methods to be published by the ISO committee (harmonized approach). If, for any reason, harmonization is not possible or the method is so specific for milk and milk products, the project will be developed to become a vertical joint IDF/ISO/TC 34/SC 5 standard applicable for milk and/or milk products only.
- The SC work is aimed to support on all levels of the specific requirements for the examination of milk and milk products during the development or revision of horizontal methods.
- Monitor and work with other International organizations, including the ISO TC 34/SC9 and advise the Methods Standards Steering Group on any implications related to microbiological methods related to the committee.
- Maintaining contact with other Standing Committees, for example, Analytical Methods for Dairy microorganisms, Statistics and Automation and others, if needed, on the implications of their findings for the microbiological method(s) involved.

Work programme

**Milk and milk products – Detection of cronobacter sakazakii**

<table>
<thead>
<tr>
<th></th>
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<tbody>
<tr>
<td>Responsible</td>
<td>H. Joosten (CH), C Iversen (CH) – Project leaders, P Jamieson (NZ), D Lindsay (NZ), S Nielsen (DK)</td>
<td></td>
</tr>
<tr>
<td>Target date</td>
<td>Depending on SC9</td>
<td></td>
</tr>
<tr>
<td>Approval category</td>
<td>(a) – CEN/TC 275/WG6 Member bodies</td>
<td></td>
</tr>
<tr>
<td>Status</td>
<td>As has been proven by the Project Group the new draft method is significantly better than the current ISO/TS</td>
<td>IDF/RM. The ISO/TC34/SC9 decided to revise the current ISO/TS 22964</td>
</tr>
</tbody>
</table>
**Milk – Enumeration of colony-forming units of psychrotrophic microorganisms – CCT at 6.5 °C**

**Purpose**
Revision of existing standard to provide a standard method of known precision for use by the dairy sector and others

**Responsible**
H Becker (DE) – IDF and ISO TC34/SC9 Project leader, M Heyndrickx (BE), F Leriche (FR)

**Result**
International Standard – Via a revision of ISO 6730 | IDF 101 into a new vertical ISO-IDF standard or into horizontal standard ISO 17410 of SC 9

**Target date**
Depending on ISO/TC 34/SC 9

**Approval category**
(a) IDF National Committees & ISO/TC 34/SC 5 (and 9) Member Bodies

**Status**
SC9 created a new WG to revise ISO 6730 | IDF 101 into a new vertical ISO-IDF standard or into horizontal standard ISO 17410

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**Established liaisons with other IDF bodies**

<table>
<thead>
<tr>
<th>IDF body</th>
<th>Responsible experts</th>
</tr>
</thead>
<tbody>
<tr>
<td>SC Analytical Methods for Dairy Microorganisms</td>
<td>IDF Head office</td>
</tr>
<tr>
<td>SC Microbiological Hygiene</td>
<td>IDF Head Office</td>
</tr>
<tr>
<td>SC Statistics and Automation</td>
<td>To be determined</td>
</tr>
</tbody>
</table>

**Liaisons with other international organizations**

**Organizations invited to nominate members**
Nordic Committee on Methods of Analysis of Foods (NMKL)
ISO/TC 34/SC 5 – Milk and milk products
ISO/TC 34/SC 9 – Food products / Microbiology:
ISO/TC 34/SC 9-meeting - Report                B Lombard (FR), H Becker (DE)
ISO/TC 34/SC 9-WG 2 – Statistics               B Lombard (FR)
ISO/TC 34/SC 9-WG 3 – Method validation        IDF representative to be nominated
ISO/TC 34/SC 9-WG 4 – Proficiency testing      P Rollier (FR)
ISO/TC 34/SC 9-WG 5 – Culture media F/W        IDF representative to be nominated
ISO/TC 34/SC 9-WG 7 – Revision EN ISO 7218      H Joosten (CH)
ISO/TC 34/SC 9-WG 8 – Revision of ISO 6887 series P Rollier (FR)
ISO/TC 34/SC 9-WG 8 – Revision of ISO 6579      H Becker (DE)
ISO/TC 34/SC 9-PG – Contaminants in starters and probiotics S Casani (DK) D Ellekaer (DK) A Surakka (FI)
ISO/TC 34/SC 9-ad hoc group – Serotyping of Salmonella H Becker (DE)
ISO/TC 34/SC 9-ad hoc group – Yeasts and moulds P Rollier (FR)
CEN/275/WG 6-TAG 5 – Primary production stage   IDF representative to be nominated
CEN/275/WG 6-TAG 6 – Sampling techniques        Not needed at this stage
CEN/275/WG 6-ad hoc group – Listeria            H Becker (DE)
CEN/275/WG 6-ad hoc group – Staphylococcal enterotoxins IDF representative to be nominated
CEN/275/WG 6-ad hoc group - Cronobacter         H Joosten (CH)
ISO/TC34/SC9 – WG 13 Enumeration of coagulase positive staphyloccoci using BP agar H Becker (DE)

**Liaisons ensured via IDF Head Office**
Codex Committee on Food Hygiene (CCFH)
Codex Committee on Methods of Analysis and Sampling (CCMAS)
Standing Committee on Statistics and Automation

Chair: Silvia Orlandini (IT) since 27 May 2011
Deputy Chair: Rob Crawford (NZ) since 27 May 2011
IDF Head Office: Aurélie Dubois

Objectives

With the object of preparing and promoting standardized methods of analysis of known precision and standardized methods of sampling for use by the dairy sector and others:
To consider:
- Development of standards for the statistical evaluation of analytical methods be they physical, chemical or microbiological. These standards cover the organization of interlaboratory studies and the statistical evaluation of the results obtained from these studies;
- Development of standards and guidance for application of automated methods of analysis by stakeholders in dairy chain;
- Sampling and sample preparation of milk and milk products in international standards with the aim of achieving a representative and homogenous sample for analysis and to assure that real life samples are treated in such a way that critical differences based on validation data of standard methods can be applied for the estimation of the uncertainty of results of such samples;
- Provision of regularly updated information on reference materials;
- Development of practical and clear guidelines for proficiency testing and similar quality assurance measures for laboratories;
- Monitor and work with other International organizations and advise ISO of any implications related to quality assurance, statistics and sampling;
- Communication with other Standing Committees and Task Forces, for example, Analytical methods for additives and contaminants, Analytical Methods for Processing aids and Indicators, Analytical Methods for Composition, Analytical Methods for Dairy Microorganisms, and Harmonization of Microbiological Methods, on the implications of their findings for quality assurance and statistics of analytical data and methods of sampling.

Work programme

Statistics of analytical data – Interlaboratory study of results of other MAS project groups

<table>
<thead>
<tr>
<th>Purpose</th>
<th>Assurance that interlaboratory studies and their results satisfy the criteria of relevant international organizations (IUPAC, CCMAS etc)</th>
</tr>
</thead>
<tbody>
<tr>
<td>Responsible</td>
<td>R Crawford (NZ), B Lombard (FR) – Project leaders, U Braun (DE), V Gaudin (FR), R Kissling (NZ), U Leist (DE), S Orlandini (IT)</td>
</tr>
<tr>
<td>Result</td>
<td>Articles in the Bulletin of IDF (or elsewhere)</td>
</tr>
<tr>
<td>Target date</td>
<td>Continuous</td>
</tr>
<tr>
<td>Approval category</td>
<td>(c) – IDF Standing Committee on SA / MSSG</td>
</tr>
<tr>
<td>Status</td>
<td>The Project Leaders will act as supervisors for non-routine case. Under this WI, statistical assistance to projects for methods of analysis in all the SCs is dealt with.</td>
</tr>
</tbody>
</table>

Milk and milk products – Guide to statistical sampling plan (CCMAS) – permanent group

<table>
<thead>
<tr>
<th>Purpose</th>
<th>Monitor CCMAS work related to statistics and sampling plan, and provide IDF input</th>
</tr>
</thead>
<tbody>
<tr>
<td>Responsible</td>
<td>R Crawford (NZ) – Project leader, R Kissling (NZ)</td>
</tr>
<tr>
<td>Result</td>
<td>Input to Codex</td>
</tr>
<tr>
<td>Target date</td>
<td>Depending on Codex</td>
</tr>
</tbody>
</table>
Methods of Analysis and Sampling

**New application of IR spectrometry – General information**

- **Purpose**: Provision of background material to assist in interpretation of results.
- **Responsible**: F Dehareng (BE) – Project Leader, D Bísigår Oldrup (DK), E Brenne (NO), P Broutin (FR), E de Jong (NL), T Hauck (DE), S Holroyd (NZ), R Kouaouci (CA), B Müller (DE), S Orlandini (IT), L Ramsahoi (CA), S Savickis (LT), K Shäfer (DE), L. Urbsiene (LT), H van den Bijgaart (NL).
- **Result**: Articles in the Bulletin of the International Dairy Federation.
- **Target date**: Continuous
- **Approval category**: (c) – IDF Standing Committees on SA
- **Status**: A Workshop on Challenges with New Applications of Infrared Spectrometry was run during the IDF/ISO Analytical Week, 4-8 June 2012. 3 priority work items have been identified: Paper on the approach to spectrum standardization, QA practices with new parameters, and communication.

**Microbiology of food products – Method validation and proficiency testing**

- **Purpose**: Monitor the ISO TC 34/SC 9 for the provision of an internationally accepted protocol for the establishment of 1. precision characteristics of microbiological methods (colony count techniques) and 2. Proficiency testing in microbiological laboratories.
- **Responsible**: B Lombard (FR) – Project leader, U Braun (DE), V Gaudin (FR), U Leist (DE)
- **Result**: ISO International Standard/guidelines
- **Target date**: Depending on SC9
- **Approval category**: ISO TC 34/SC 9 Member Bodies
- **Status**: Liaison between SCSA and ISO/TC34/SC 9/WGs 2, 3 & 4 is established as to follow the work closely. Item 1: revision of ISO 16140 underway. PG/SCSA have provided comments to the latest version.

**Milk – Determination of bacteriological quality – Guidance on evaluation of routine methods**

- **Responsible**: I Andersson (SE) – Project Leader, C Baumgartner (DE), P Broutin (FR), R Crawford (NZ), V Deperrois (FR), M Gips (IL), P Jamieson (NZ), S Kold-Christensen (DK), B Lombard (FR), C Matara (GR), A Ordoñez (MX), G Psathas (CY), L Ramsahoi (CA), H van den Bijgaart (NL)
- **Target date**: March 2013
- **Approval category**: (a) – IDF National Committees & ISO TC 34/SC 5 Member Bodies
- **Status**: Final draft resulting from results of DIS voting to be circulated to SCSA members by end September 2012, then FDIS voting.
Whole milk – Fat, protein and lactose content - Guidance on the operation of Mid-Infra Red instruments (revision)

**Purpose**
Provision of a standard method of known precision for use by the dairy sector and others

**Responsible**
P Sauvé (CA), H van den Bijgaart (NL) – Joint Project Leaders, D Barbano (US), D Bisgård Oldrup (DK), E Brenne (NO), P Broutin (FR), H Cruijssen (NL), F Dehareng (BE), J Dziuba (PL), M Fabro (AR), A Fehrmann-Reese (DE), M Gips (IL), T Hauck (DE), S Holroyd (NZ), R Kouaouci (CA), U Leist (DE), C Matara (GR), B Müller (DE), S Orlandini (IT), T Putkonen (FI), D Riaukiene (LT), G Scott (NZ), P Trossat (FR).

**Result**
ISO-IDF International Standard (revision of ISO 9622 | IDF 141)

**Target date**
2012

**Approval category**
(a) – IDF National Committees & ISO TC 34/SC 5 Member Bodies

**Status**
DIS voting/IDF questionnaire comments are with the PL for revision of the draft for progression to FDIS.

Reference system for somatic cell counting

**Purpose**
To explore the feasibility of working with reference systems were traditional calibration schemes lack effectiveness.

**Responsible**
H van den Bijgaart (NL) - Project leader, B Asmussen (DK), D Barbano (US), C Baumgartner (DE), T Berger (CH), U Braun (DE), P Broutin (FR), V Deperrois (FR), H de Vries (NL), M Fabro (AR), M Gips (IL), P Jamieson (NZ), S Kold-Christensen (DK), B Lombard (FR), C Matara (GR), B Mueller (DE), V Ninane (BE), S Orlandini (IT), A Pécou (FR), P Popi (GR), G Psathas (CY), T Putkonen (FI), L Ramsahoi (CA), D Riaukiene (LT), A Rosati (IT), P Trossat (FR)

**Result**
A reference system for somatic cell counting recognized and adopted as such by regulatory bodies and competent authorities worldwide.

**Target date**
2014

**Approval category**
(a) - IDF National Committees and ICAR

**Status**
The document listing the requirements for reference materials will be finalized in the summer of 2012 and afterwards be made available to a wider audience. The Project Group has made significant progress with a protocol for the preparation of a certified reference material. For the assignment of reference values to a reference material, it is intended to use both results from reference method analysis as well as from routine method analysis. To do that properly, the quality of the performance of the contributing labs needs to be traceable and quantifiable.

Newsletter 4 is to be issued in September 2012.

The road map for the implementation of the reference system for somatic cell counting will be updated during the summer of 2012.

Milk and milk products – Method for automated sampling

**Purpose**
Provision of a standard method of known precision for use by the dairy sector and others

**Responsible**
D Chedotal (FR)/ T Hauck (DE) – Project Leaders, T Berger (CH), E Brenne (NO), M Cosgrove (IE), R Crawford (NZ), M Fabro (AR), M Gips (IL), R Lombard (SA), G Maréchal (FR), B Müller (DE), G Pittet (CH), G Psathas (CY), S Savickis (LT), G Scott (NZ), R Sharma (IN), JM van Crombrugge (BE), H van Hemert (NL), P Villeroy (FR).

**Result**
ISO-IDF International Standard
Methods of Analysis and Sampling

Target date 2012
Approval category (a) – IDF National Committees & ISO/TC34/SC5 Member Bodies
Status Working draft to be revised following discussion at the last analytical week. When the working draft is available, it will be sent to ISO MBs for the ISO NWI procedure.

Liaisons with other IDF bodies

<table>
<thead>
<tr>
<th>IDF body</th>
<th>Responsible experts</th>
</tr>
</thead>
<tbody>
<tr>
<td>SC Animal Health</td>
<td>S Orlandini (IT)</td>
</tr>
<tr>
<td>SC Analytical Methods for Additives and Contaminants</td>
<td>C Baumgartner (DE)</td>
</tr>
<tr>
<td>SC Analytical Methods for Composition</td>
<td>S Holroyd (NZ)</td>
</tr>
<tr>
<td>SC Harmonization of Microbiological Methods</td>
<td>S Orlandini (IT)</td>
</tr>
</tbody>
</table>

Liaisons with other international bodies

Organizations invited to nominate members
ISO/TC34/SC 5 Milk and Milk products
ISO/TC 34/SC 9 Microbiology - B Lombard (FR)
ISO/TC 69 Application of Statistical Methods
Nordic Committee on Methods of Analysis of Foods (NMKL)
CEN TC 302
ICAR – C Baumgartner (DE)
Liaisons ensured via the ISO Head Office
Codex Committee in Methods of Analysis and Sampling (CCMAS)
International Union of Pure and Applied Chemistry (IUPAC)
### Objectives

Reporting significant findings to the dairy sector, making an input to the scientific community and identifying perspectives with potential added value:

- To consider all aspects of human nutrition and health, particularly present knowledge and any new discovery in the field of nutritional science that can affect the consumption of milk and milk products;
- To encourage research into the role of milk and milk products in the diet;
- To monitor and maintain relations with other international bodies working in the area of nutrition and health such as FAO and WHO, on behalf of the dairy sector;
- To provide scientific information and maintain a relationship with the IDF Food Standard Steering Group (FSSG) concerning the monitoring of the Codex Committee on Nutrition and Foods for Special Dietary Uses (CCNFSDU) and with the Standing Committee on Food Labeling and Terminology in relation to labeling issues on the Codex agenda;
- To maintain a close working relationship with other Standing Committees, specifically the Standing Committee on Food Labeling and Terminology, the SC on Dairy Science and Technology, the Standing Committee on Marketing, and the Standing Committee on Environment.
- To facilitate the dissemination of information through the publication of peer reviewed articles and other media;
- To follow the work of other organizations with regard to relevant topics of interest on dairy nutrition.

### Priority items for 2012-2013

- Reaction to the revision of the FAO report on Milk and Milk Products in Human Nutrition.
- Dairy fat – to consult with experts and prepare scientific dossiers on various dairy fat issues such as TFA, CLA and saturated fatty acids, to follow up on the outcomes of the FAO/WHO and other Expert Consultations on Fats and Fatty Acids in Nutrition and Health, to organize scientific presentations on dairy fats, including saturated fats, at non-dairy symposia and conference via a speaker network system
- Monitor WHO, FAO and any other international health professional organization nutrition activities.
- Coordination of Codex Nutrition Matters and input to CCNFSDU and CCFL.
- Maintain and update resources for IDF websites.
- Disseminate information on dairy nutrition and environmental sustainability through multiple channels.
- Continue developing paper on Dairy and children’s diet.
- Development of fact sheets related to the benefits of Dairying project of the SPCC
- Monitoring of FAO report on Protein.
- Review of Vitamin K2 produced by microorganisms in fermented dairy products
FAO report on milk and milk products in human nutrition

**Purpose**
FAO has contracted authors to revise the 1972 FAO report on Milk and Milk Products in Human Nutrition. Chapter 4 addresses ‘Milk as part of the diet’.

**Responsible**
J Steijns (NL) – AT leader, J Bryans (GB), E Jacquier (CH), I Neiderer (CA), Y Soustre (FR), G Smithers (AU).

**Result**
Input in the revision of the FAO report on Milk and Milk Products in Human Nutrition.

**Target date**
2012

**Approval category**
(c) – IDF Standing Committee on Nutrition and Health

**Status**
The publication of the FAO report on Milk and Milk Products in Human Nutrition is expected before the end of 2012. The AT will follow up the outcome of the publication and decide on further steps.

Dairy fats - fats and oils

**Purpose**
To consult with experts and prepare scientific dossiers on various dairy fat issues such as TFA, CLA and saturated fatty acids.
To follow up on the outcomes of the FAO/WHO and other Expert Consultation on Fats and Fatty Acids in Nutrition and Health.
To organize scientific presentations on dairy fats including saturated fats at non-dairy symposia and conferences via a speaker network system.

**Responsible**
S Oude Elferink (NL), – Action Team Leader, R Bouchard (CA), J Bryans (GB), JH Christensen (DK), F Destaillats (FR), C Frye (US), C Gayet (FR), GJ Hiddink (NL), E Jacquier (CH), A Lawrence (AU), H Lindmark Mansson (SE), A Lock (US), I MacNeill (AU), G Miller (US), P Parodi (AU), M Preller (EDA), C Schweitzer (GDP), Y Soustre (FR), C Stanton (IE), J Steijns (NL).

**Result**
Scientific dossiers on dairy fats, speaker network on dairy fat including saturated fat.

**Target date**
Continuous

**Approval category**
(c) – IDF Standing Committee on Nutrition and Health

**Status**
Dairy fat speakers ensured at ICD 2012. Publication of the review on the health benefits of TFA and CLA for CCNFSDU discussion will be finalized and published.

Coordination of Codex nutrition matters (joint SCNH/SCFLT Action Team, division of lead by SCNH and SCFLT depending on topic of work)

**Purpose**
Monitor scientific nutrition-related aspects of the CCNFSDU and CCFL and provide advice; prepare IDF input to Codex if needed.

**Responsible**
TBD – Action Team leader, P Ballester (ES), R Bouchard (CA), K W Brønner (NO), P Dekker (NL), H Dornom (AU), C Frye (US), T Geslain (FR), J-C Gillis (FR), E Grande (FR), A Hayman (NZ), C Heggum (DK), M Hickey (IE), GJ Hiddink (NL), E Jacquier (CH), V Landells (AU), H Lippman (US), M Lugt (NL), S Marcoullier (US), I Neiderer (CA), M Preller (EDA), H Schönfeldt (ZA), I Stratakou (NL), I subirade (FR), B Vandewaetere (BE),

**Result**
Depending on up-coming issues to provide advice to the Food Standard Steering Group and the Standing Committee on Food Labelling and Terminology, and to prepare IDF draft submissions to CCNFSDU and CCFL if needed

**Target date**
Continuous
Nutrition

Approval category (a) – IDF National Committees (with regard to IDF submissions)

Status

The AT is preparing input to CCFL and CCNFSDU electronic working groups and to the next meetings of the CCFL and CCNFSDU.

CCNFSDU will be consulted on following matters referred from CCFL:

- Give advice as to whether the condition for 10% of the NRV for comparative claims for micronutrients (section 6.3 in the Guidelines on Nutrition and Health Claims) is still in line with current evidence based guidance on micronutrients, particularly in light of the work being undertaken on NRV,
- Give advice on the establishment of conditions for claims for “free” of TFA and if the advice was positive, whether the claims should be made per100ml or 100g or per serving,
- Consider requesting CCMAS to review questions related to methods for trans fatty acids in foods

Following Project groups are preparing IDF draft submissions to CCNFSDU for input in the CCNFSDU discussion:

**General principles for establishing Nutrient Reference Values (NRVs) of vitamins and minerals for the general population**

**Purpose**

Prepare IDF draft submissions to CCNFSDU for input in the CCNFSDU discussions.

**Responsible**

TBD – AT leader, P Ballester (ES), C Frye (US), E Grande (FR), V Landells (AU), H Lippman (US), M Lught (NL), I Neiderer (CA), H Schonfeldt (ZA), Y Soutstre (FR), A Spiro (GB), I Stratakou (NL).

**Result**

IDF position to be submitted to CCNFSDU.

**Target date**

Continuous.

**Approval category** (a) – IDF National Committees (with regard to IDF submissions)

**Status**

The AT is preparing input to CCNFSDU electronic working group and to the next meetings of the CCNFSDU.

**General principles for establishing NRVs for nutrients associated risk of diet-related non-communicable diseases**

**Purpose**

Prepare IDF draft submissions to CCNFSDU for input in the CCNFSDU discussions.

**Responsible**

TBD – AT leader, P Ballester (ES), C Frye (US), E Grande (FR), V Landells (AU), H Lippman (US), M Lught (NL), I Neiderer (CA), H Schonfeldt (ZA), Y Soutstre (FR), A Spiro (GB), I Stratakou (NL).

**Result**

IDF position to be submitted to CCNFSDU.

**Target date**

Continuous.

**Approval category** (a) – IDF National Committees (with regard to IDF submissions)

**Status**

The AT is preparing input to CCNFSDU electronic working group and to the next meetings of the CCNFSDU.

**Proposal for new work to amend the Codex General Principles for the addition of essential nutrients to foods**

**Purpose**

Prepare IDF draft submissions to CCNFSDU for input in the CCNFSDU discussions.

**Responsible**

V Landells (AU) – AT leader, M Amjadi (IR), A Boeckman (US), E Grande (FR), E Jacquier (CH), I Neiderer (CA), I Subirade (FR), P Thom (CA).

**Result**

IDF position to be submitted to CCNFSDU.

**Target date**

Continuous.

**Approval category** (a) – IDF National Committees (with regard to IDF submissions).
Status
The AT is preparing input to CCNFSDU electronic working group and to the next meetings of the CCNFSDU.

Dairy and children’s diet

Purpose
The objective of related IDF work will be to undertake a scientific ‘update’ on the importance of dairy in children’s diet. Dairy is an important component in the diet of children. National nutrition surveys illustrate that children are not eating the serves of dairy required to meet their calcium requirements. The project aims to provide the background and substantiation for the development of tools for use by health professionals and the dairy industry.

Responsible
E Jacquier (CH) – AT Leader, J Bryans (GB), MA Burkman (US), I Coene (BE), V Landells (AU), H Lippman (US), I MacNeill (AU), I Neiderer (CA), R Portolesi (AU), A Rowan (NZ), H Ruud (NO), H Schönfeldt (ZA), C Stanton (IE)

Result
Peer-reviewed article

Target date
2012 review submission to peer-reviewed journal.

Approval category
(c) – IDF Standing Committee on Nutrition and Health

Status
Review to be submitted for publication.

Review of vitamin K2 produced by microorganisms in fermented dairy products

Purpose
The objective of related IDF work will be to undertake a scientific ‘update’ on the physiological effects of vitamin K2 produced by fermented dairy products.

Responsible
B Walther (CH) – AT Leader, S Booth (US), P Boyaval (FR), KW Brønner (NO), C Campargue (FR), D Carcano (FR), D Couchourel (FR), M Danielsen (DK), H Indyk (NZ), V Landells (AU), C Logan (IE), M Myrup Christensen (DK), M Nogueira de Oliveira (BR), K Olieman (NL), M Pedersen (DK), A Rowan (NZ), L Schurgers (NL), M Sliwinski (PL), C Stanton (IE), P Thom (CA), C Vermeer (NL), M Wells-Bennik (NL)

Result
Peer-reviewed article

Target date
2013 review submission to peer-reviewed journal.

Approval category
(c) – IDF Standing Committee on Nutrition and Health

Status
Authors are drafting the preliminary review.

Nutrition Strategy Communication

Purpose
To provide guidance to the SCNH for communications activities and to identify items of interest for communications purposes. The IDF Dairy Nutrition website www.idfdairynutrition.org was launched in January 2008 and refreshed in July 2010 to provide information about the nutritional benefits of dairy foods targeted to consumers, health professionals and journalists

Responsible
TBC- AT Leader, J Bryans (GB), MA Burkman (US), GJ Hiddink (NL), E Jacquier (CH), V Landells (NZ), S Oude Elferink (NL), R Portolesi (AU), H Schönfeldt (ZA), A Shenk (NZ), Y Soustre (FR), M Tucci (IDF).

Result
IDF Position Statements.

Target date
Continuous

Approval category
b) IDF Standing Committee on Nutrition and Health

Status
AT on communication to coordinate the overarching statement of the topics the SCNH is working on. Specific action teams will assist with the provision of information for the position statements. IDF Nutrition website is continuously updated
**IDF World Dairy Summit Cape Town (ZA) in November 2012 – Nutrition & Health conference**

**Purpose**
Preparation of the programme for a nutrition & health conference at IDF World Dairy Summit 2012

**Responsible**
H Schönfeldt (ZA) – Conference manager and AT Leader, J Bryans (GB), MA Burkman (US), I Lenoir-Wijnkoop (FR), Y Soustre (FR), Retha Vermaak (ZA), Friede Wenhold (ZA)

**Result**
Programme for nutrition conference

**Target date**
September 2012

**Approval category**
(c) – IDF Standing Committee on Nutrition and Health

**Status**
The conference and poster session will be held in Cape Town

**IDF World Dairy Summit Yokohama (JP) in October 2013 – Nutrition & Health conference**

**Purpose**
Preparation of the programme for a nutrition conference at IDF World Dairy Summit 2013

**Responsible**
TBC – Conference Manager and Action Team Leader, J Bryans (GB), MA Burkman (US), GJ Hiddink (NL), E Jacquier (CH), Y Soustre (FR), C Stanton (IE)

**Result**
Programme for nutrition conference

**Target date**
October 2013

**Approval category**
(c) – IDF Standing Committee on Nutrition and Health

**Status**
The programme is being finalized.

**Dairy nutrition and environmental sustainability**

**Purpose**
To strengthen the case supporting the essential role of milk and dairy products as part of healthy diet despite a higher environmental cost than many plant-based food commodities.

Overall the results should broaden people’s perspectives re: environmentally-prudent practices to look at nutritional benefits compared to climate costs.

**Responsible**
MA Burkman (US) - AT Leader, N Auestad (US), K W Brønner (NO), J Bryans (GB), E Cahill (AU), GJ Hiddink (NL), J Hill (NZ), E Jacquier (CH), S Koratikere (IN), V Landells (AU), H Lindmark Mansson (SE), B Lindsay (GB, SCENV Chair), I MacNeill (AU), G Miller (US), A Modin Edman (SE), M Myrup Christensen (DK), H Perennou (FR), S Robabeh (IR), S Ronholt Hansen (DK), H Schönfeldt (ZA), C Schweitzer (GDP), Y Soustre (FR), N Van Buuren (AU), B Yonkers (US, SCDPE Chair)

**Result**
Internal review paper; white paper; library of resources.

**Target date**
November 2012

**Approval category**
(c) – SCNH and SCENV

**Status**
The internal review paper is built around Nutrition ‘making the case for the essential need for dairy’ and Sustainability ‘showing the successes of the dairy sector to decrease environmental cost of dairy production. Internal review paper is being finalized. Paper will be presented at the Nutrition and Health Conference of the IDF WDS 2012 in Cape Town, South Africa.


**Plasticity of a given probiotic strain in different food forms**

**Purpose**
Electronic reflexion working group with the objective to establish whether it is possible to propose a standardized approach for determining plasticity of a given (specific) probiotic strain across different food forms.

**Responsible**
A Ouwehand (FI) and C Sindelar (US) – Project Leaders, G Corthier (FR), F Dal Bello (IT), B Degeest (BE), J Hakansson (SE), G Huys (BE), I Jankovitz (CH), M Mietinen (FI), V Mofid (IR), J Narvhus (NO), V Ninane (BE), M Nogueira de Oliveira (BR), JB Prajapati (IN), ME Sanders (US), U Schillinger (DE), N Shah (AU), RK Shah (IN), C Stanton (IE), I Stratakou (NL), P Teissier (FR).

**Result**
Recommendation on the most relevant deliverable (some examples of possible options: check list of proposed tests, validation modalities, publication, IDF recommendation and degree of accessibility for ISO-standard)

**Target date**
November 2012

**Approval category**
C. Standing Committee on Nutrition and Health

**Status**
Draft of updated list of reference is aimed to be distributed to the SCNH November 2012.

**Protein**

**Purpose**
To provide scientific information to the FAO expert consultation on Dietary protein quality

**Responsible**
J Steijns (NL) – AT Leader, E Jaap (NZ), G Hiddink (NL), J Hill (NZ), C Marmonier (FR), I Neiderer (CA), M Preller (EDA), P Roupas (AU), A Rowan (NZ), H Schönfeldt (ZA).

**Result**
List of scientific references has been submitted to FAO.

**Target date**
End of 2012.

**Approval category**
(C)SCNH

**Status**
A list of scientific references has been submitted to the FAO Expert Consultation on Dietary Protein Quality. The AT will follow up the outcome of the Expert Consultation and decide on further steps.

**Liaisons with other IDF bodies**

<table>
<thead>
<tr>
<th>IDF body</th>
<th>Responsible experts</th>
</tr>
</thead>
<tbody>
<tr>
<td>Food Standards Steering Group (monitoring CCNFSDU and CCFL)</td>
<td>IDF Head Office</td>
</tr>
<tr>
<td>SC Food Labelling and Terminology</td>
<td>IDF Head Office</td>
</tr>
<tr>
<td>SC Dairy Science and Technology</td>
<td>IDF Head Office</td>
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<tr>
<td>SC Marketing</td>
<td>W Pauli (DK)</td>
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<tr>
<td>SC Analytical Methods for Dairy Microorganisms</td>
<td>IDF Head Office</td>
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**Liaisons with other international organizations**

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<tr>
<td>WHO – Department of Nutrition for Health and Development</td>
<td>IDF Head Office</td>
</tr>
<tr>
<td>FAO – Food and Nutrition Division</td>
<td>IDF Head Office</td>
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<tr>
<td>ILSI Europe</td>
<td>I Lenoir-Wijenkoop (FR)</td>
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<td>European Dairy Association (EDA)</td>
<td>M Preller</td>
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<tr>
<td>Global Dairy Platform</td>
<td>C Schweitzer</td>
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## WORK ITEMS COMPLETED OR DELETED since 1 September 2011

<table>
<thead>
<tr>
<th>IDF Working body</th>
<th>Work item</th>
<th>Work completed</th>
<th>Deletion for another reason</th>
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<tr>
<td><strong>SC on Animal Health</strong></td>
<td><strong>IDF Animal Health Newsletter – 5th edition</strong></td>
<td>Work completed with publication in October 2011</td>
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<td></td>
<td><strong>IDF/FAO Conference on animal health and welfare during IDF World Dairy Summit Parma (IT), 17 Oct. 2011</strong></td>
<td>Work completed with conference held in October 2011</td>
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<tr>
<td><strong>SC on Dairy Science and Technology</strong></td>
<td><strong>Conference on “Novel Technologies for Sustainable Dairy Products” during the IDF World Dairy Summit Parma (IT), 18 October 2011</strong></td>
<td>Work completed with the event held in October 2011</td>
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<td><strong>IDF Cheese Ripening and Technology Symposium, Madison, Wisconsin (USA), 21-24 May 2012</strong></td>
<td>Work completed with the event held in May 2012</td>
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<td><strong>IDF/INRA International Symposium on Spray Dried Dairy Products – Saint-Malo, France, 19-21 June 2012</strong></td>
<td>Work completed with the event held in June 2012</td>
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<td><strong>SC on Dairy Policies and Economics</strong></td>
<td><strong>IDF World Dairy Situation 2011</strong></td>
<td>Work completed with the publication of the IDF Bulletin 451/2011</td>
<td></td>
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<td><strong>IDF World Dairy Summit Parma (IT) in October 2011 – Economic Conference</strong></td>
<td>Work completed with the event held on October 2011</td>
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<td><strong>SC on Marketing</strong></td>
<td><strong>IDF World Dairy Summit Parma (IT) in October 2011 – Marketing Conference</strong></td>
<td>Work completed with the event held on October 2011</td>
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<td></td>
<td><strong>IMP Awards</strong></td>
<td>Work completed with the award ceremony held on October 2011</td>
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<tr>
<td><strong>SC on Environment</strong></td>
<td><strong>Dust emissions from dairy plants</strong></td>
<td>Work item completed with publication of IDF Bulletin No. 454/2012 - Air Emissions from Dairy Processing and Energy Plants</td>
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<td></td>
<td><strong>Effluent treatment and removal of salts</strong></td>
<td>Work completed with the fact sheets published on IDF website</td>
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<tr>
<td>SC on Farm Management</td>
<td>Work completed with the event held in October 2011</td>
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<tr>
<td>SC on Food Additives</td>
<td>Work item redistributed into 3 different work items based on Codex progress</td>
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<tr>
<td>Codex General Standard for Food Additives (GSFA)</td>
<td>Work item redistributed into 3 different work items based on Codex progress</td>
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<td>Transfer of Food Additives from Codex dairy standards (now located in GSFA Annex) to the GSFA</td>
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<tr>
<td>Additives in Codex standards for milk and milk products</td>
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<tr>
<td>Inventory of national food additive legislation</td>
<td>Cancelled due to ongoing SCSID work under consideration, inventory of legislation, including food additives.</td>
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<tr>
<td>SC on Food Labelling and Terminology</td>
<td>Work completed with CCFL removing it from the agenda</td>
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<tr>
<td>CCFL Discussion Paper on Modified Standard Common Names in relation with Dairy Codex Standards</td>
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<tr>
<td>SC on Standards of Identity</td>
<td>Work completed with proposal sent to SPCC and FSSG</td>
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<tr>
<td>Review of SCSID objectives</td>
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<tr>
<td>TF on Inventory of microorganisms with history of safe use</td>
<td>Work item completed with the publication of the article in the UFM and of the Bulletin of the IDF n°455/2012</td>
<td>TF disbanded</td>
<td></td>
</tr>
<tr>
<td>SC on Residues and Chemical Contaminants</td>
<td>Workshop programme to identify and prioritize SCRCC work items</td>
<td>Work completed with workshop held in October 2011 after the SCRCC meeting.</td>
<td></td>
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<tr>
<td>SC on Analytical Methods for Additives and Contaminants</td>
<td>Amendment of ISO 9233</td>
<td>Work complete with publication of the amendments.</td>
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<td></td>
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<td>Amendment of ISO 9233 (IDF 140 Parts 1 &amp; 2) cheese and cheese rind – Determination of natamycin content.</td>
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<tr>
<td></td>
<td></td>
<td>Available and applicability of existing vitamin standards for the dairy sector</td>
<td>PG disbanded, now that the collaboration between ISO and AOAC has been signed, work to be monitored through regular work items.</td>
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<tr>
<td>SC on Analytical Methods for Composition</td>
<td>Fermented milk products – Determination of titratable acidity – Potentiometric Method</td>
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<td></td>
<td>Milk and milk products – Determination of titratable acidity of fat (BDI method)</td>
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<td>Lactose - Determination of water content - Karl Fischer Method</td>
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<td>Milk and milk products – Nitrate content – Enzymatic reduction &amp; molecular absorption spectrometry after Griess Reaction</td>
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<tr>
<td>SC on Analytical Methods for Dairy Microorganisms</td>
<td>Determination of probiotics guideline on the identification of species</td>
<td>As no PL could be found for this item, the project group is now disbanded. The item will be kept under further consideration.</td>
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<tr>
<td>SC on Analytical Methods for Processing Aids and</td>
<td>Milk and milk products – Pregastric lipase activity</td>
<td>Standard ISO 13082</td>
<td>IDF 218:2011 published. The collaborative study is in</td>
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<tr>
<td>Indicators</td>
<td>the pipeline for publication in IDF Bulletin.</td>
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<tr>
<td><strong>Milk and Milk products - Calf rennet and adult bovine rennet -- Determination by chromatography of chymosin and bovine pepsin contents</strong></td>
<td>Standard ISO 15163</td>
<td>IDF 110:2012 published. The collaborative study is in the pipeline for publication in IDF Bulletin.</td>
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<tr>
<td><strong>SC on Nutrition and Health</strong></td>
<td>Work completed by publication of Special Issue- Nutrition and Health aspects of lactose and its derivatives in IDJ 2012 22 (2)</td>
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<td><strong>IDF World Dairy Summit Parma (IT) in October 2011 – nutrition conference</strong></td>
<td>Work completed with the event held in October 2011.</td>
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# FUTURE IDF EVENTS

## 2012

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<th>Date</th>
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<tr>
<td>3-9 November</td>
<td>IDF World Dairy Summit</td>
<td>Cape Town (ZA)</td>
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## 2013

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<tr>
<td>3-7 June</td>
<td>IDF/ISO Analytical Week</td>
<td>Rotterdam (NL)</td>
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<tr>
<td>28 Oct-1 Nov</td>
<td>IDF World Dairy Summit</td>
<td>Yokohama (JP)</td>
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## 2014

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<tr>
<td>March*</td>
<td>IDF Symposium on Science and Technology of Fermented Milk &amp; IDF Symposium on Microstructure of Dairy Products</td>
<td>Melbourne (AU)</td>
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<tr>
<td>15-20 May</td>
<td>IDF/ISO Analytical Week</td>
<td>Berlin (DE)</td>
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<tr>
<td>26-30 October</td>
<td>IDF World Dairy Summit</td>
<td>Tel Aviv (IL)</td>
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## 2015

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<tr>
<td>October*</td>
<td>IDF World Dairy Summit</td>
<td>Vilnius (LT)</td>
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* Tentative
APPENDIX - ABBREVIATIONS

Abbreviations used for the names of countries (reference ISO Standard 3166)

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<th>Abbreviation</th>
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### IDF Abbreviations

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<tr>
<th>Abbreviation</th>
<th>Description</th>
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<td>AT</td>
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<td>FSSG</td>
<td>Food Standards Steering Group</td>
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<td>MSSG</td>
<td>IDF/ISO Methods Standards Steering Group</td>
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<tr>
<td>NC</td>
<td>National Committee</td>
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<td>NWI</td>
<td>New Work Item</td>
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<td>TF</td>
<td>Task Force</td>
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<td>SCAH</td>
<td>Standing Committee on Animal Health</td>
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<td>SCAMAC</td>
<td>Standing Committee on Analytical Methods for Additives and Contaminants</td>
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</tr>
<tr>
<td>SCDDST</td>
<td>Standing Committee on Dairy Science and Technology</td>
</tr>
<tr>
<td>SCENV</td>
<td>Standing Committee on Environment</td>
</tr>
<tr>
<td>SCHMM</td>
<td>Standing Committee on Harmonisation of Microbiological Methods</td>
</tr>
<tr>
<td>SCFA</td>
<td>Standing Committee on Food Additives</td>
</tr>
<tr>
<td>SCFLT</td>
<td>Standing Committee on Food Labelling and Terminology</td>
</tr>
<tr>
<td>SCFM</td>
<td>Standing Committee on Farm Management</td>
</tr>
<tr>
<td>SCSID</td>
<td>Standing Committee on Standards of Identity</td>
</tr>
<tr>
<td>SCM</td>
<td>Standing Committee on Marketing</td>
</tr>
<tr>
<td>SCM</td>
<td>Standing Committee on Microbiological Hygiene</td>
</tr>
<tr>
<td>SCNH</td>
<td>Standing Committee on Nutrition and Health</td>
</tr>
<tr>
<td>SCRCC</td>
<td>Standing Committee on Residues and Chemical Contaminants</td>
</tr>
<tr>
<td>SCSA</td>
<td>Standing Committee on Statistics and Automation</td>
</tr>
<tr>
<td>TFAF</td>
<td>Task Force on Animal Feeding</td>
</tr>
</tbody>
</table>

### Abbreviations of International and Regional Organizations

<table>
<thead>
<tr>
<th>Abbreviation</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>CAC</td>
<td>Codex Alimentarius Commission</td>
</tr>
<tr>
<td>CCCF</td>
<td>Codex Committee on Contaminants in Foods</td>
</tr>
<tr>
<td>CCFA</td>
<td>Codex Committee on Food Additives</td>
</tr>
<tr>
<td>CCFA</td>
<td>Codex Committee on Food Hygiene</td>
</tr>
<tr>
<td>CCFICS</td>
<td>Codex Committee on Food Export and Import Inspection and Certification Systems</td>
</tr>
<tr>
<td>CCFL</td>
<td>Codex Committee on Food Labelling</td>
</tr>
<tr>
<td>CGGP</td>
<td>Codex Committee on General Principles</td>
</tr>
<tr>
<td>CCMAS</td>
<td>Codex Committee on Methods of Analysis and Sampling</td>
</tr>
<tr>
<td>CCMMP</td>
<td>Codex Committee on Milk and Milk Products</td>
</tr>
<tr>
<td>Abbreviation</td>
<td>Description</td>
</tr>
<tr>
<td>--------------</td>
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</tr>
<tr>
<td>CCNFSDU</td>
<td>Codex Committee on Nutrition and Foods for Special Dietary Uses</td>
</tr>
<tr>
<td>CCPR</td>
<td>Codex Committee on Pesticide Residues</td>
</tr>
<tr>
<td>CCRVDF</td>
<td>Codex Committee on Residues of Veterinary Drugs in Food</td>
</tr>
<tr>
<td>CEN</td>
<td>European Committee for Standardization</td>
</tr>
<tr>
<td>CIHEAM</td>
<td>International Centre for Mediterranean Agricultural Studies</td>
</tr>
<tr>
<td>EAAP</td>
<td>European Association of Animal Production</td>
</tr>
<tr>
<td>EDA</td>
<td>European Dairy Association</td>
</tr>
<tr>
<td>ESADA</td>
<td>Eastern and Southern Africa Dairy Association</td>
</tr>
<tr>
<td>EU</td>
<td>European Union</td>
</tr>
<tr>
<td>EUROSTAT</td>
<td>European Statistical Office</td>
</tr>
<tr>
<td>FAO</td>
<td>Food and Agriculture Organization of the United Nations</td>
</tr>
<tr>
<td>FEFAC</td>
<td>European Feed Manufacturers Federation</td>
</tr>
<tr>
<td>FEPALE</td>
<td>Federación Panamericana de Lechería / Panamerican Dairy Federation</td>
</tr>
<tr>
<td>GDP</td>
<td>Global Dairy Platform</td>
</tr>
<tr>
<td>ICAR</td>
<td>International Committee for Animal Recording</td>
</tr>
<tr>
<td>ICMSF</td>
<td>International Committee for Microbiological Specifications for Foods</td>
</tr>
<tr>
<td>IDF/FIL</td>
<td>International Dairy Federation/Fédération Internationale du Lait</td>
</tr>
<tr>
<td>IFCN</td>
<td>International Farm Comparison Network</td>
</tr>
<tr>
<td>IFIF</td>
<td>International Feed Industry Federation</td>
</tr>
<tr>
<td>IMS</td>
<td>International Meat Secretariat</td>
</tr>
<tr>
<td>ISO</td>
<td>International Organization for Standardization</td>
</tr>
<tr>
<td>IUPAC</td>
<td>International Union of Pure Analytical Chemistry</td>
</tr>
<tr>
<td>JEFCA</td>
<td>Joint Expert Committee on Food Additives (FAO/WHO)</td>
</tr>
<tr>
<td>NAFTA</td>
<td>North American Free Trade Association</td>
</tr>
<tr>
<td>NMKL</td>
<td>Nordic Committee on Methods of Analysis of Foods</td>
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<tr>
<td>OECD</td>
<td>Organization for Economic Cooperation and Development</td>
</tr>
<tr>
<td>OIE</td>
<td>Office International des Epizooties/ World Organisation for Animal Health</td>
</tr>
<tr>
<td>UNEP</td>
<td>United Nations Environment Programme</td>
</tr>
<tr>
<td>SAI</td>
<td>Sustainable Agriculture Initiative Platform</td>
</tr>
<tr>
<td>WHO</td>
<td>World Health Organization (of the United Nations)</td>
</tr>
<tr>
<td>WTO</td>
<td>World Trade Organization</td>
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### ISO and CEN Abbreviations

<table>
<thead>
<tr>
<th>Abbreviation</th>
<th>Description</th>
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<tbody>
<tr>
<td>CD</td>
<td>Committee Draft (in ISO)</td>
</tr>
<tr>
<td>CEN</td>
<td>European Committee for Standardization</td>
</tr>
<tr>
<td>CS</td>
<td>Central Secretariat (of ISO)</td>
</tr>
<tr>
<td>DIS</td>
<td>Draft International Standard (in ISO)</td>
</tr>
<tr>
<td>FDIS</td>
<td>Final Draft International Standard (in ISO)</td>
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<tr>
<td>ISO</td>
<td>International Organization for Standardization</td>
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<tr>
<td>MBs</td>
<td>Member Bodies (of CEN, of ISO)</td>
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<tr>
<td>SC</td>
<td>Sub Committee (in ISO)</td>
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<tr>
<td>TC</td>
<td>Technical Committee (in ISO)</td>
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<tr>
<td>TS</td>
<td>Technical Specification</td>
</tr>
<tr>
<td>WD</td>
<td>Working Document</td>
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### Current Abbreviations

<table>
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<th>Abbreviation</th>
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<tr>
<td>AAS</td>
<td>Atomic Absorption Spectroscopy</td>
</tr>
<tr>
<td>ADI</td>
<td>Acceptable Daily Intake</td>
</tr>
<tr>
<td>BSE</td>
<td>Bovine Spongiform Encephalopathy</td>
</tr>
<tr>
<td>EWG</td>
<td>Electronic Working Group</td>
</tr>
<tr>
<td>ELISA</td>
<td>Enzyme–Linked Immuno–sorbent Assay</td>
</tr>
<tr>
<td>GMO</td>
<td>Genetically Modified Organism</td>
</tr>
<tr>
<td>HACCP</td>
<td>Hazard Analysis Critical Control Points</td>
</tr>
<tr>
<td>HPLC</td>
<td>High–Performance Liquid Chromatography</td>
</tr>
<tr>
<td>IR</td>
<td>Infra-red</td>
</tr>
<tr>
<td>MPN</td>
<td>Most Probable Number</td>
</tr>
<tr>
<td>MRL</td>
<td>Maximum Residual limit</td>
</tr>
<tr>
<td>PCB</td>
<td>PolyChlorinated Biphenyl</td>
</tr>
<tr>
<td>SPS</td>
<td>Sanitary &amp; PhytoSanitary Measures (WTO)</td>
</tr>
<tr>
<td>TBT</td>
<td>Technical Barriers to Trade (WTO)</td>
</tr>
<tr>
<td>TBD</td>
<td>To be determined</td>
</tr>
</tbody>
</table>